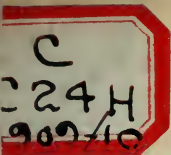


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Carthage College

1909-1910

CARTHAGE COLLEGE BULLETIN

SERIES 2.

APRIL, 1910

NO. 5

Entered March 14, 1904, at Carthage, Illinois, as second class matter, under
Act of Congress, July 16, 1894.

Carthage College

1909-1910

Incorporated January 10, 1870. First Commencement May 4, 1875.

CALENDAR-1910

JANUARY.

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1911

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CARTHAGE COLLEGE

COLLEGE CALENDAR

1909

September 2, Thursday.....Fall Term Opened
November 24, Wednesday.....Fall Term Closed
November 25, Thursday.....Winter Term Opened
Holiday Recess, December 23, 1909, to January 5, 1910.

1910

January 28, Friday.....Sophomore Class Play
March 2, Wednesday.....Winter Term Closed
March 3, Thursday.....Spring Term Opened
March 25, Good Friday.....Holiday
May 22, Sunday, 8 p. m.....Baccalaureate Service
May 23, Monday, 3 p. m.....
.....Recital of the Departments of Expression and Music
May 23, Monday, 8 p. m.....Academy Commencement
May 24, Tuesday, 9 a. m.....Annual Meeting Board of Trustees
May 24, Tuesday, 3 p. m.....Recital of the Department of Music
May 24, Tuesday, 8 p. m.....Junior Oratorical Contest
May 25, Wednesday, 10 a. m.....Annual Meeting of Stockholders
May 25, Wednesday, 10 a. m.....

.....Annual Meeting of the Alumni Association
May 25, Wednesday, 3 p. m.....Class Day Exercises
May 25, Wednesday, 8 p. m.....Address before Alumni Ass'n
May 26, Thursday, 10 a. m.....Commencement Exercises
Summer Vacation, May 27 to September, 1910.

August 31, Wednesday.....Registration Day
September 1, Thursday, 10 a. m.....First Semester Begins
November 24, Thursday, Thanksgiving.....Holiday
December 22, 1910, to January 4, 1911, Holiday Recess.

1911

January 18, Wednesday.....First Semester closes
January 19, Thursday.....Second Semester begins
April 14, Good Friday.....Holiday
May 25, Thursday.....Commencement Exercises

BOARD OF TRUSTEES.

SYNOD OF NORTHERN ILLINOIS.

| | |
|-------------------------------|------------|
| REV. H. M. BANNEN, D. D | Rockford |
| REV. PAUL B. HOLTGREVE | Washington |
| MR. HENRY DENHART | Washington |
| ALBERT L. MILLER, M. D | Dixon |

SYNOD OF IOWA.

| | |
|-------------------------------------|--------------------|
| REV. WILLIAM H. BLANCHE, D. D | Davenport, Iowa |
| REV. CHARLES W. MAGGART, D. D..... | Cedar Rapids, Iowa |
| MR. ANDREW HANS | Newton, Iowa |

WARTBURG SYNOD.

| | |
|---------------------------------------|----------|
| REV. WILLIAM ROSENSTENGEL, D. D | Carthage |
| REV. BRUNO GARTEN | Bremen |

SYNOD OF CENTRAL ILLINOIS.

| | |
|------------------------|-----------|
| REV. EZRA KELLER | Hillsboro |
| HON. AMOS MILLER | Hillsboro |

SYNOD OF SOUTHERN ILLINOIS.

| | |
|-----------------------------|------|
| REV. H. L. MCGILL | Anna |
| HON. HENRY C. SIFFORD | Anna |

TRUSTEES FOR HANCOCK COUNTY.

| |
|--|
| HON. APOLLOS W. O'HARRA, DR. EDWARD M. ROBBINS, JUDGE D. E. MACK. |
|--|

TRUSTEE FOR THE ALUMNI ASSOCIATION.

| | |
|-----------------------------|-------------|
| MR. O. B. TURNER, '95 | Saint Marys |
|-----------------------------|-------------|

The Board was elected for two years at the annual meeting of the stockholders May 27, 1908, upon nomination of the Synods holding stock of the College.

OFFICERS AND COMMITTEES OF THE BOARD.

OFFICERS.

| | |
|--------------------------------------|----------------|
| REV. W. H. BLANCHE, D. D..... | President |
| REV. EZRA KELLER | Vice-President |
| REV. WILLIAM ROSENSTENGEL, D. D..... | Secretary |
| MR. S. H. FERRIS..... | Treasurer |
| HON. APOLLOS W O'HARRA | Attorney |

EXECUTIVE COMMITTEE.

REVS. EZRA KELLER, WILLIAM ROSENSTENGEL,
AND MESSRS. A. W. O'HARRA, E. M. ROBBINS, D. E. MACK,
O. B. TURNER, AND HON. AMOS MILLER.

COMMITTEE ON BUILDINGS AND GROUNDS.

| | |
|------------------------|--------------------|
| REV. WM. ROSENSTENGEL, | DR. E. M. ROBBINS, |
| MR. W. B. MARVEL, | MR. EDWARD CLARK. |

FINANCE COMMITTEE.

| | |
|--------------------|--------------------|
| DR. E. M. ROBBINS. | MR. HENRY DENHART, |
| JUDEE D. E. MACK, | DEAN W. K. HILL. |

AUDITING COMMITTEE.

| | |
|-------------------|---------------------|
| MR. O. B. TURNER, | MR. REASON W. SAER. |
| J. S. PALMER. | |

FACULTY AND INSTRUCTORS.

REV. HARVEY DANIEL HOOVER, A. M., PH. D.,
PRESIDENT,

*David L. Tressler Professor of Mental and Moral
Philosophy, and John C. Martin
Professor of Bible.*

REV. WILLIAM KUHS HILL, A. M.,
DEAN OF THE FACULTY,
Professor of Biology and Chemistry.

JUSTIN L. VAN GUNDY, A. M., PH. D., (Jena)
Professor of Greek and Latin Languages.

CARL O. SUNDSTROM, A. B.,
Professor of Modern Languages.

HARRY L. HORNER, A. M.,
Professor of Mathematics and Physics.

REV. JACOB YUTZY, D. D.,
*Professor of Biblical History, and Biblical
Hebrew and Greek.*

REV. SANFORD NER CARPENTER, A. M., B. D.,
*Professor of History, and the English Language
and Literature.*

MISS EMMA J. BELL, B. S.,
Instructor in English and History

MISS ERMA RAND,
Instructor in Latin and History.

MISS SUSAN M. DAVIDSON,
Instructor in Voice,

MR. RALPH LAWTON,
Supervisor of the Piano Department.

MISS MARGHERITA KOCH,
Instructor in Piano

MISS JESSICA E. ROYER,
*Instructor in Expression and Physical
Culture (Women).*

JAMES ARTHUR BAIRD, A. B.,
*Instructor in History and Physical
Culture (Men).*

ORLO D. SLATER,
Assistant in Mathematics.

WILLIAM G. HILL,
Laboratory Assistant.

ADMINISTRATIVE OFFICERS.

CARL O. SUNDSTROM, A. B.,
Secretary of the Faculty.

HARRY L. HORNER, A. M.,
Registrar.

JUSTIN L. VAN GUNDY, PH. D.,
Librarian.

REV. WILLIAM ROSENSTENGEL, D. D.,
Treasurer of the Contingent Fund.

MRS. HATTIE L. HARRIS,
Matron of Denhart Hall.

JAMES ARTHUR BAIRD, A. B.,
Director of the Gymnasium.

COMMITTEES OF THE FACULTY.

Schedule and Courses of Study,
PROFESSORS HILL, SUNDSTROM AND HORNER.

Credits,
PROFESSORS VAN GUNDY AND HORNER.

Rules and Delinquencies,
PROFESSORS HOOVER AND HILL.

Athletics,
PROFESSOR HORNER AND MR. BAIRD.

Literary Societies,
PROFESSORS YUTZY, CARPENTER AND SUNDSTROM.

Catalogue,
PROFESSORS HILL, CARPENTER AND VAN GUNDY.

Carthage College.

"The College with an Ideal," which aims to educate young men and young women to be the best possible citizens of the age. The aim of the instruction is less to train specialists than to give such knowledge as belongs to a well-rounded education. Carthage College provides the liberal training and culture which are the prerequisites of a successful university course.

We tolerate only the best of ideals, personal influence, teaching methods and standards of character. The College spirit is inspirational and elevating. A progressive, youthful and persistent spirit pervades all college activities. The highest and best of life's goals are placed before each student; then conscientious and faithful efforts are put forth to enable each one to attain and achieve.

The college ideal is not a large student body. Carthage aims to produce truly cultured and refined, liberally educated, diligent, spirited and dauntless men and women of pure and strong character. The college is not operated for gain or selfish ends, but for the welfare of honest, hopeful and worthy young people who wish the priceless gifts of correct education.

Foundation.

Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose by the English Evangelical Lutheran Synods of Illinois and Iowa, under whose direction the first President—D. L. Tressler, Ph. D.,—was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in 1880, the stock of the institution was transferred to the synods interested, and the College is now controlled

by the Evangelical Lutheran Synods of Northern Illinois, of Central Illinois, of Southern Illinois, of Iowa, and the Wartburg Synod, by whom all the trustees are nominated. Upon the Board of Trustees, in addition to the representatives from these synods, there are three from Hancock County, and one from the Alumni Association, all elected by the stockholders appointed by the synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America, and has been assisted financially for the last fifteen years by the Board of Education in the increase of the endowment fund, and by direct contributions toward the current expenses.

Location and Buildings.

Carthage College is located at Carthage, the county seat of Hancock County, Illinois. It is a pleasant, inland town of over twenty-five hundred inhabitants. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for more than thirty years, and is thus well-adapted to academic and college life. The citizens are cultured and hospitable, and deeply interested in the College and the students, to whom the homes are open constantly. It is situated twelve miles east of Keokuk, Iowa, and midway between Burlington, Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington and Quincy and the Wabash systems pass through the city, and the main line of the Toledo, Peoria and Western railroad passes four miles to the north, connecting at Ferris for Carthage. New students, upon writing to the President, can receive all needed information.

The campus comprises about eighteen acres of improved and timbered grounds, situated in the northeast portion of the city, about eight blocks from the public square, and slightly elevated above the rest of the town.

The main building is a large brick structure of three stories and basement. It has been improved and beautified recently at an expense of several thousand dollars; is furnished with modern conveniences, and is in all respects both attractive and well-adapted to the work of the institution. In addition to the large, well-lighted recitation rooms and laboratories, are to be found the College chapel, the Christian Association chapel, the library and reading-room, and the literary society halls.

Denhart Hall for young ladies is situated on the west side of the campus, and is a beautiful two-story brick cottage, with basement, capable of accommodating thirty students. It is heated by steam and is furnished with lavatories and baths. The dining-hall and refectory are located in the basement, while a double parlor and music room add to its social attractiveness. Mrs. Harris, the matron, has proved herself exceptionally capable in her care of the young ladies, and in every respect Denhart Hall has been found to be a beautiful and comfortable home for them.

The gymnasium is a handsome building. It was erected in 1905-6 at a cost of twelve thousand dollars, and is now being used by classes in physical culture. The building is 43x91 feet on the outside, giving available floor space inside of 40x88 feet, and is fully equipped with apparatus of the best quality, with running track and hot and cold baths.

Mr. Andrew Carnegie has offered the College \$20,000 for the erection of a new science building. Energetic efforts are being put forth to meet all the conditions of Mr. Carnegie's offer, and it is hoped that the building may be commenced in the very near future.

The laboratories of the College furnish all that is essential for successful laboratory work in the usual undergraduate courses. The Biological Laboratory is equipped with compound microscopes, dissecting microscopes, microtomes, baths, aquaria, and such other apparatus, glassware

and reagents as are needed in the study of the morphology and histology of plants and animals. The laboratory has been fitted up with students' desks, drawers and lockers, and with cabinets to accommodate our various collections in Natural History, Geology and Mineralogy. The Chemical Laboratory is furnished with individual desks and lockers to accommodate twenty-four students, and is provided with all the apparatus, glassware and reagents needed for experimental work in general chemistry. The Physical Laboratory is a large, well-lighted room, fitted with tables for individual work, water supply, and all necessary apparatus, chaslyn balances, barometer, etc.

The College Library contains about seven thousand volumes, and several thousand pamphlets. The collection is classified according to the Dewey decimal system, and is furnished with complete card catalogues of authors and subjects. A large number of books have been added by donations and purchase within the past few years, and the collection now contains the books most essential for undergraduate work in the various departments. The following additions have been made during the current year:

| | |
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| U. S. Government..... | 78 volumes |
| J. G. M. Hursh..... | 60 " |
| Miscellaneous | 44 " |
| R. G. Linker | 41 " |
| University of Illinois | 33 " |
| State of Illinois..... | 23 " |
| American Swedenburg Publication Society..... | 22 " |
| H. E. Dornblaser..... | 9 " |
| Lutheran Pub'ication Society..... | 4 " |
| Woman's Suffrage Movement | 4 " |
| National Educational Association | 4 " |
| Ed Hoch..... | 3 " |
| Educational Commission of Illinois..... | 2 " |

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| Towle Manufacturing Co | 2 volumes |
| U. S. Merchant Marine League..... | 2 “ |
| American Association for International Arbtr't'n | 2 “ |

One each by the following: O. V. Linn, Colorado College, Committee on National Health, State of Connecticut, Andover Seminary, W. C. T. U., University of Indiana, Chauncy M. Depew, Chamber of Commerce, Foreign Missionary Board.

Total number of volumes added during year, 411.

Grateful acknowledgement is hereby extended to all donors.

The two literary societies have good collections of books, to which standard works are being added annually. Each society has invested funds, the interest of which is used for library purposes. Cicero Society has recently placed its collection in the College Library, and thrown it open to the use of all students. The Public Library of Carthage, containing several thousand volumes, is open to the students, while the private libraries of the members of the Faculty are also accessible for studies upon special topics.

The Reading Room has been furnished with tables, shelves, magazine case, newspaper rack, et cetera, and is open daily except Saturday from 8:15 until 11 a. m., and from 2 until 4:30 p. m.: on Saturday the hours are from 9 until 11 a. m. The library is open during the same hours. The reading room is equipped with the best scientific and literary magazines and many of the best religious and secular papers.

Student Organizations.

Two societies—Galileo, organized in 1870, and Cicero, organized a year later—are sustained in connection with the College. Through the medium of these, students get valuable aid in composition, delivery, debate and parliamentary practice, besides opportunities for social culture. All Collegiate and Senior Academic students are required to unite

with one or the other of these societies, and to perform a prescribed amount of literary work annually. Each of the societies occupies a large, attractive hall, handsomely furnished for literary and social purposes.

The Young Men's Christian Association, which was organized in 1881, has exerted a marked influence upon the life and character of the students during the years since. Prayer meetings are held on each Tuesday evening. The Young Women's Christian Association is a flourishing organization, which holds a service every Monday evening. It receives the cordial support of all the young women of the College. Devotional Bible study and missionary classes have been conducted by both associations. Each association sends delegates every summer to the Geneva Conference of College Students. New students are urged to unite with these associations, and will do well to avail themselves of the assistance which is offered them at the opening of each year.

The Glee Club, an organization of young men, led by the head of the vocal department, made a very successful concert tour during the spring term.

The Athletic Association is a voluntary student organization which affords the students opportunity to participate in the conduct of business touching the college athletics.

The Dramatic Club consists of a limited number of students who have qualified in the department of expression. The purpose of the club is to promote interest in dramatic literature and art.

The Brain and Brawn is a society composed of students who have distinguished themselves for scholarship, or have won prizes on the athletic field.

Religious Culture.

The tone of the institution has been positively religious since the beginning. It is the purpose of the institution'

under the newly organized Department of Biblical Instruction, to afford every student an opportunity to get, during his course, a thorough and systematic knowledge of Biblical history and literature; also, to give training in Christian work for those who desire it. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. Besides the English Lutheran church, whose pastor, Rev. Jacob Yutzy, D. D., is regarded as college pastor, and the German Lutheran congregation, there are represented in Carthage organizations of the Baptist, the Catholic, the Christian, the Episcopal, the Methodist Episcopal and the Presbyterian denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly identified with its religious work.

Publications.

The literary societies of the College publish a monthly journal—THE COLLEGIAN—which is edited by a staff of editors chosen from the societies. This paper is the organ of the student body, and is helpful in stimulating literary activity among them. It also affords the Alumni, friends and patrons of the college the best means of keeping in touch with the life and work of the institution.

The College publishes a bi-monthly Bulletin, the purpose of which is to keep friends and patrons informed of the work of the institution, and of improvement and progress in all lines of college activity. There is no charge for subscription, and all persons interested may have their names added to the mailing list by addressing a request to the President.

Scholarships.

Free tuition for one year is annually offered to that member of the Senior class of Carthage High School who

shall receive the highest average grade of scholarship during the year. Mr. Lawrence Payne, of Carthage, was the recipient last year.

A similar scholarship is awarded to that member of the Senior class of the Academy whose average for the year is the highest. The award was to Mr. Harold Black, of Plymouth.

The W. C. T. U. of the county annually purchases a scholarship good for one year, which is awarded by a competitive examination in physiology.

A scholarship in the Academy is annually awarded to that student in the schools of Hancock County who receives the highest average grade in the county central examination for the year.

In general, it is the policy of Carthage College to meet all competition, and young people holding scholarships given by other institutions for excellence in scholarship, can usually receive the same privilege here. Correspondence along this line is invited.

Prizes.

Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies pursued during the year. Miss Ada W. Hoover, of Muscatine, Iowa, received the medal at the last commencement.

Mr. Ed Hoch, of the city of Carthage, offers annually a gold medal to that member of the first Greek class who excels in final competitive examination. This medal was last year awarded to Miss Dora Bolton, of Nauvoo.

The Board of Trustees offer a gold medal to that member of the Junior class who, under the supervision of the Faculty, shall produce the best original oration at the Junior oratorical entertainment, regard being had for both thought and

delivery. This medal was last year awarded to Miss Edna Huston, of Carthage.

Facilities for Self-Help.

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or to reduce their expenses. A portion of the janitor service in the main building and in Denhart Hall is being performed by students at present. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by management of laundry agencies among the students and in the community. During the coming year a number of young men and young women will be needed to render service in the institution, for which credit will be given them on their tuition and other expenses.

Rooms and Boarding.

All the young ladies from a distance will be expected to room and board in Denhart Hall, where comfortable and convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedsteads, springs, mattress, bureau, washstand, toilet set, chairs, table and book shelves, besides being heated by steam. Connected with each room are two clothes presses. Pillows, pillowslips, sheets, spreads and blankets are supplied; hence young ladies need bring with them only towels and napkins.

As the cottage is limited to thirty students, all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. Board is furnished \$2.50 a week; the charge for inside rooms,

furnished, is 50 cents a week; for corner rooms, 75 cents a week. An additional charge of 50 cents a week will be made for students rooming alone, provided it is possible to furnish single rooms. During the year a number of rooms have been beautified at the expense of friends of the College.

Comfortable homes can be secured by the young men in the neighborhood of the College, where they can enjoy conveniences similar to those offered the young ladies. There are several homes near the College where board may be secured at \$2.50 a week. A similar amount has been charged a number of young men who have secured board in the Ladies' Hall.

Government.

The government of the institution is vested in the Faculty, who administer the discipline and impose such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students, and the purpose is to retain only such students as may conduct themselves in gentlemanly or ladylike manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow students in all their relations. Should any student be found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and the general welfare of the institution. Students who have failed to conduct themselves properly in other institutions are not wanted in Carthage College.

A proper care for the health and good name of the young ladies is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order, while only such restrictions will be imposed upon any

student as may be required to maintain the authority of the Faculty or to advance the best interests of the institution.

Terms and Vacations.

The school year of the three regular departments consists of thirty-six weeks, divided into two semesters of equal length. There are two vacations—the usual holiday vacation lasting about two weeks, and the long summer vacation of about thirteen weeks after commencement. By this arrangement students can pursue their studies through the school year, and needy students can make the very best use of the long vacation for procuring means of support while at school. Students may enter any of the departments at any time, but the best results are secured by those who commence at the beginning of the year or the beginning of a semester.

Expenses.

The necessary expenses at Carthage College are quite low. The regular expenses are given in detail below:

| | |
|--|---------|
| College tuition, per year, in advance..... | \$40 00 |
| College tuition, per semester, in advance .. | 20 50 |
| Academy tuition, per semester | 15 00 |
| Registration fee, for the year..... | 1 00 |
| (After Registration Day, \$2) | |
| Contingent fee, per semester..... | 1 50 |
| Library fee, per semester..... | 1 50 |
| Gymnasium fee, per semester..... | 1 50 |
| Laboratory fee, Biology, Physics or Mineralogy, per semester | 2 50 |
| Laboratory fee, Chemistry, per semester | 3 00 |
| Academic Botany or Physics, per semester | 1 50 |
| Academic Chemistry, per semester | 2 00 |

| | |
|--|----|
| Room rent in Denhart Hall, per week, 50 cents..... | 75 |
|--|----|

MUSIC

| | |
|--|---------|
| Piano, one lesson a week, per semester | \$18 00 |
| Piano, two lessons a week per semester | 27 00 |
| Voice, one lesson a week, per semester | 18 00 |
| Voice, two lessons a week, per semester | 27 00 |
| Chorus, one lesson a week, per year | 3 00 |
| Use of Piano, one hour daily, per year..... | 4 50 |
| Use of Piano, three hours daily, per year | 11 25 |
| Harmony, one lesson a week, per year | 18 00 |
| Harmony, two lessons a week, per year..... | 27 00 |
| Harmony (class) one lesson a week, per year..... | 10 50 |
| Musical History (class) one lesson a week, per year..... | 4 50 |
| Pipe Organ, per lesson | 1 00 |
| Special Coaching, per lesson | 1 50 |

EXPRESSION.

| | |
|--|---------|
| One lesson a week (private), per semester..... | \$13 50 |
| Two lessons a week (private), per semester | 22 50 |
| Classes of three, two lessons a week, per semester | 7 50 |
| Single lessons (private)..... | 75 |

No reductions for lessons missed except in case of illness, and then only when lessons cannot be made up.

Legacies.

It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have temporarily prospered by remembering the institution with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount,

while by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy—to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least \$1000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of \$..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod college in the present Carthage College territory.

Requirements for Admission.

Candidates for admission must present satisfactory testimonials of good moral character; certificates of honorable dismissal are required of those who come from other colleges. The scholarship requirements for admission to the Freshman class are based upon four years of secondary school work, with four daily recitations. A daily recitation throughout a year constitutes a unit of credit. Four years of secondary school work, therefore, will constitute sixteen units of credit, and sixteen units are required for unconditional admission to the Freshman class. These credits are to be offered in harmony with the outline of subjects given below, with the understanding that the time assigned in every case is simply a convenient average and that the work outlined must have been completed.

Students coming from high schools and academies of recognized standing are admitted on certificate of scholarship and character without examination, as far as they have pursued the required preparatory studies. Candidates for admission without condition to the Freshman class, who are unable to offer a sufficient number of satisfactory credits, will be given the opportunity to secure such standing by means of written examinations.

Blank forms of application for admission may be secured from the President or Registrar. These should be filled out and returned before Registration Day.

Students will not be admitted to Freshman classification with an arrearage of more than two credits. Any deficiency must be made up during the Freshman and Sophomore years. Standing secured by certificate is only for the first semester, that semester being regarded as probationary. The student's subsequent rank depends upon the results of his work.

All candidates for admission must offer the following subjects:

| | | |
|-------------------------|----|-------|
| English..... | 3 | units |
| History..... | 1 | unit |
| Mathematics..... | 2½ | units |
| Foreign Language..... | 4 | units |
| Laboratory Science..... | 1 | unit |

And four and one-half units additional chosen in harmony with the College course to be pursued.

The following list indicates the subjects that may be offered, together with the amount of credits allowed in each:

| | |
|-------------------------|--------|
| Bible..... | 2 |
| Botany..... | ½ to 1 |
| Chemistry..... | 1 |
| English..... | 3-4 |
| German..... | 1-2 |
| Greek..... | 1-2 |
| Latin..... | 2-4 |
| History and Civics..... | 1-3 |
| Algebra..... | 1½ |
| Plane Geometry..... | 1 |
| Solid Geometry..... | ½ |
| Astronomy..... | ½ |
| Physics..... | 1 |
| Physiography..... | ½ to 1 |
| Physiology..... | ½ |
| Zoology..... | ½-1 |

The courses and requirements are shown in more detail as follows:

I. ENGLISH:

1. The reading and study of classics recommended for uniform college entrance requirements by the Committee on College Entrance Requirements in English. Those

required for "study and practice" are as follows: Shakespeare's *Macbeth*; Milton's *Comus*, *Lycidas*, *Il Penseroso* and *L'Allegro*; Burke's *Speech on Conciliation with America* or Webster's *First Bunker Hill Oration* and Washington's *Farewell Address*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For "reading and practice," ten classics are to be chosen from six groups recommended by the Committee.

2. Criticism and correction of specimens of incorrect English.

II. FOREIGN LANGUAGE:

Four units of foreign language are required. This must include at least two units of Latin. Those who expect to take Latin in the College must present two additional units, making in all four units of Latin.

LATIN:

1. Collar & Daniell's *First Latin Book*. Latin Grammar; Allen & Greenough, Harkness or Bennett.
2. *Via Latina*, Caesar, four books of the Gallic War.
3. Cicero; four orations against Cataline, For Roscius, For Archias.
4. Vergil, *Æneid*, Books I-IV., with Prosody.
5. Prose Composition, thirty lessons of Bennett's *Latin Prose Composition*.

GREEK:

1. White's *Beginner's Greek Book*. Goodwin's *Greek Grammar*.
2. Xenophon; *Anabasis*, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' *Greek Prose Composition*.

III. MATHEMATICS:

1. Arithmetic Complete.
2. Algebra, through Quadratics. Wells' *Essentials of Algebra*, or equivalent.
3. Geometry, Plane and Solid Complete, and exercises. Phillips & Fisher.

IV. HISTORY:

1. United States; Channing's *Students' History of the United States*, or its equivalent.
3. Ancient History, Botsford's *Ancient History*, or its equivalent.
3. Mediæval History; Munro's *Mediæval History*, or its equivalent.
4. English History; *Cheyney's Short History of England*, or its equivalent.

V. GERMAN:

As a test of the student's elementary preparation, he should be able to read at sight, and to translate, if called upon, a passage of easy dialogue or narrative prose, help being given upon unusual words or constructions, to put into German short English sentences taken from the language of everyday life or based on the text translated, and to answer questions on the rudiments of grammar, as defined below.

1. Pronunciation; the memorizing and use of easy colloquial sentences; the rudiments of grammar, inflection of the articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word-order; abundant exercises; the reading of from seventy-five to one hundred pages of graduated texts

2. The reading of from one hundred and fifty to two

hundred pages of literature in the form of easy plays and stories; translation into German of matter based upon works read; continued drill upon rudiments of grammar.

VI. SCIENCE.

The preparation must include both textbook and laboratory work; and the candidate should submit his note-book. It is recommended that an entire year² be devoted to one Science, except Physiology and Physiography, and credit will not be granted for less than one unit of Chemistry or Physics.

a. ELEMENTARY BIOLOGY (one unit). The requirement in Biology may be met by one-half unit in Botany and one-half unit in Zoology. It is recommended, however, that the entire unit be offered in one of these sciences. In any case, laboratory work must constitute an important part of the course, and the laboratory note-book must be presented before credit is given.

b. ELEMENTARY CHEMISTRY (one unit). The work offered in Chemistry must include recitations and laboratory work for one year. The ground covered should be essentially that of the best elementary textbooks on general Chemistry.

c. PHYSIOGRAPHY (one-half unit). The course should include supplemental work as well as the study of some good modern textbook.

d. PHYSIOLOGY. A study of some standard elementary textbook, supplemented by laboratory work. The Physiology studied in the public schools below the ninth grade will not be accepted as meeting entrance requirements.

e. PHYSICS. The requirement in Physics is sufficiently outlined in any one of several good modern textbooks of Elementary Physics. Of these Milliken & Gale's "*A First Course in Physics*", is preferred. The laboratory notebook

should be presented when the application for credit is made.

Advanced Standing.

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to adjustment. Credit toward the college degree will be allowed for work done in college preparatory schools and high schools only when upon investigation such work is found to be equal in time, quality and thoroughness to the same work done in college classes.

In no case will the baccalaureate degree be granted for less than one year of resident work in Carthage College.

Courses of Instruction.

The College Department embraces the usual four years of study in the regular classics.

In order to provide for the proper correlation of subjects and for an adequate range of election and adaptation to individual needs, the courses offered are arranged in a limited number of groups. This arrangement, while practically limiting election in the Freshman and Sophomore years to the choice of one of several groups of logically correlated subjects, allows a considerable range of free electives in the Junior and Senior years. It is not the purpose of this arrangement to secure, nor to prevent, early specialization, but to control and direct it. It is believed that too close specialization in the early years of the course defeats the only true end of college training, namely, the attainment of such broad and liberal culture as alone can lay the foundation for the highest possible success for any calling in life. It is not forgotten, however, that students may wish to specialize after they have finished their College course. To such the

group system gives the opportunity of emphasizing their chosen subject, while to all are secured the manifest advantages of proper correlation, and a continuous study of the subjects which by common consent are recognized as fundamental in any scheme of liberal education. In short, the group system aims to combine the advantages of the rigid course system with those of the free elective systems, and while avoiding in a measure at least the dangers of each to maintain a proper balance between educational control on the one hand and individual freedom of choice, often unconsidered, on the other. Each group offers the opportunity of a well-rounded, liberal education, while preventing the waste and dissipation of energy incident to unlimited election.

The Requirements for Graduation.

In all courses the requirement for graduation is 130 college credits. A college credit represents one semester hour of work—that is, one recitation per week for one semester; two hours of laboratory or semester work counting as one hour of recitation. In adjusting the work and standing of students with entrance conditions, a four or five-hour academy course is counted as a three-hour course in college.

Classification.

The class to which a student is assigned depends on the number of credits on record in the books of the Registrar at the opening of the year. In counting credits the number of conditions outstanding against any name will be subtracted from the full number of credits.

Students lacking more than two units of preparatory work, as explained in requirements for admission, will be classed as academy students. Those meeting the entrance

requirements with an arrearage of not more than two units of credit are ranked as Freshmen. The requirements for advanced standing are as follows: Sophomore, a minimum of 28 college credits; full standing, 36 credits; Junior, a minimum of 60; full standing, 68 credits; Senior, a minimum of 94; full standing, 102; graduation, a minimum of 130 credits.

The Choice of Courses.

All students entering the College have the privilege of choosing, in consultation with the President, their group of subjects. A group once fully entered upon must be pursued to the end of the Freshman year, unless a change be granted by special action of the Faculty. If at the end of the first year a new selection is desired, this will be permitted so far as the prerequisite requirements in other groups have been met.

No student is permitted to acquire more than eighteen college credits per semester except by special action of the Faculty, and no application from a Freshman for more than eighteen hours for his first semester will be considered, except that a Freshman may be allowed by the Faculty to take additional work in order to remove entrance conditions. The maximum number of credits that may by Faculty action be granted to any student in any year is as follows:

Freshman 36, Sophomores 40, Juniors 44.

Special Students.

Students who do not desire to pursue a regular course of study may pursue a select course, if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all rules and regulations of the College, and are expected to take sufficient work to occupy their time.

The following representative groups are offered. Other combinations will be made to accommodate students who are preparing for subsequent work in medicine or engineering. The degree of Bachelor of Arts is conferred on students who have completed the requirements in Group A; the degree of Bachelor of Science on those who have completed Group S or Group G, and those who complete Group L will be granted the degree of Bachelor of Literature:

REPRESENTATIVE GROUPS.

GROUP A.

| | |
|-------------------------|----|
| Ancient Language..... | 32 |
| English | 22 |
| Philosophy | 18 |
| History | 14 |
| Science | 12 |
| Mathematics | 8 |
| Sacred Literature | 6 |
| Political Economy | 6 |
| Free Electives | 12 |

GROUP S.

| | |
|-------------------------|----|
| Foreign Language | 24 |
| English | 16 |
| History | 14 |
| Mathematics | 16 |
| Science | 28 |
| Philosophy | 18 |
| Political Economy | 6 |
| Sacred Literature | 6 |
| Free Electives | 4 |

GROUP G.

| | |
|-------------------------|----|
| Foreign Language | 20 |
| English | 15 |
| History | 10 |
| Mathematics | 16 |
| Science | 34 |
| Philosophy | 18 |
| Sacred Literature | 6 |
| Political Economy | 6 |
| Free Electives | 4 |

GROUP L.

| | |
|-------------------------|----|
| Foreign Language | 38 |
| English | 22 |
| History | 14 |
| Science | 12 |
| Philosophy | 18 |
| Mathematics | 8 |
| Political Economy | 6 |
| Sacred Literature | 6 |
| Free Electives | 6 |

For convenience of reference, a synopsis of the courses offered in these groups is given elsewhere in this catalogue.

DEPARTMENTS OF INSTRUCTION.

BIBLICAL HISTORY.

PRESIDENT HOOVER.

For detailed statement of the work offered in each year, see "College Course," under "Bible Training Department," elsewhere in this catalogue.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT HOOVER.

I. **PSYCHOLOGY.**—An introductory study of mental phenomena, with reference to the physiological and philosophical problems involved. Three hours a week through the last half year. Required of all Juniors.

II. **EXPERIMENTAL PSYCHOLOGY.**—Intended to supplement the preceding course with laboratory experiments and demonstration by the students. Required of all Juniors.

III. **LOGIC: DEDUCTIVE AND INDUCTIVE.** An elementary study of deductive and inductive logic, together with a short discussion of the underlying theory and references to the history of logical development. Frequent praxis in application of the text. Three hours a week during the second half year. Required of all Juniors.

IV. **ETHICS.**—A study of ethical theories and principles with reference to the leading schools, and a discussion of the practical problems involved. Three hours a week during the second half year. Required of all Juniors.

V. HISTORY OF PHILOSOPHY.—The leading systems of ancient, mediæval and modern philosophy are discussed, and theses on assigned topics are required of the student. Three hours a week during the second half year. Elective for Seniors in all courses.

VI. OUTLINES OF PHILOSOPHY.—This course is designed both to introduce the student to the field of general philosophy and to assist in the formation of a definite system. It will be offered alternately with course IV. to Juniors, and will be elective to Seniors. Three hours a week during the second half year.

VII. CHRISTIAN EVIDENCES.—A study of the grounds of theistic and Christian belief with reference particularly to current theories antagonistic to Christianity. Three hours a week during the second half year. Required of Seniors in all courses.

HIGHER PHILOSOPHY.—Advanced study in Philosophy. Elective. Three hours per week throughout the year.

HISTORY AND THE SOCIAL SCIENCES.

PROFESSOR CARPENTER.

The Department includes History, Politics, Economy and Sociology.

COURSES.

I. HISTORY OF WESTERN EUROPE, from the beginning of the Middle Ages 476 A. D., to 1878. Rapid review. Three hours first semester. Required of Sophomores in all courses.

II. PHILOSOPHY OF HISTORY.—Text, "Adams' Civilization During the Middle Ages." Three hours second semester. For Sophomores.

III. THE REFORMATION AND RELIGIOUS WARS.—Text—

book and lectures, For Sophomores following course II. Three hours.

IV. MODERN HISTORY.—History of the social, industrial and constitutional development of modern Europe. Two hours first semester. For Juniors.

V. ENGLISH CONSTITUTIONAL HISTORY. Two hours following course IV. For Juniors.

VI. THE AMERICAN CONSTITUTION.—For Juniors. Two hours; following course V.

VII. ORIENTAL HISTORY.—Egypt, Assyria, India, China and Japan. Two hours first semester. Elective for Seniors.

VIII. RECENT HISTORY.—The United States and the diplomatic problems of the day. Two hours second semester. Elective for Seniors.

IX. ECONOMICS.—Textbook, Lectures and Seminar. Three hours first semester. For Seniors.

X. POLITICAL SCIENCE.—Comparative study of the political systems of the United States and the leading European nations, with study of political parties and problems in the United States. Three hours second semester. For Seniors.

XI. SOCIOLOGY.—A study of the principles and problems of society. Textbook and seminar. Two hours second semester. Elective for Seniors.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR CARPENTER.

Study of the development and correct use of the English Language and Literature.

COURSES.

I. ETYMOLOGY AND COMPOSITION.—A study of the history and etymology of the language, followed by study

and practice of the various forms of discourse. Readings and essays. Required of Freshmen in all courses. Two hours throughout the year.

II. HISTORY OF ENGLISH LITERATURE.—A study of the successive periods in the development of English Literature and representative authors of each period. One hour per week throughout the year. Required of Freshmen in all courses.

III. ADVANCED RHETORIC.—A thorough analysis of the principles of spoken and written discourse, followed by a study of literary criticism. Textbooks, readings and term essays. Two hours per week throughout the year. Required of Sophomores in all courses.

IV. HISTORY OF AMERICAN LITERATURE.—Historical sketch of the development of our American literature, with detailed study of representative authors. Text, essays and criticisms. One hour per week throughout the year. Required of Sophomores in all courses.

V. ANGLO-SAXON.—A study of the grammar and syntax of Old English, followed by the reading of selections in prose and verse. Three hours per week for the first semester. Required of Juniors in courses A and L. Elective for others.

VI. MIDDLE ENGLISH.—Grammar and syntax of Middle English, followed by comparative, critical and philological study of Langland's "*Piers the Plowman*," and the works of Chaucer, including "*The Prologue*" and selections from "*The Canterbury Tales*." Three hours per week during second semester. Prerequisite; course V.

VII. SPENSER. Detailed and critical study of the life, times and works of Edmund Spenser. Three hours per week following course VI. For Juniors. Prerequisite; courses V. and VI.

VIII. SHAKESPEARE.—Critical and literary study of the

life, times and plays of Shakespeare, followed by rapid reading of a number of plays. Required by Seniors in all courses. Two hours first semester.

IX. THE PURITAN AGE.—A careful study of the characteristics of the age which produced John Milton, with critical study of portions of "*Paradise Lost*." Two hours per week for six weeks; following course VIII. For Seniors in all courses.

X. THE VICTORIAN AUTHORS.—Studies in the productions of the poets and prose writers of the later period of English Literature, including Browning and Tennyson; Carlyle, Ruskin, Arnold and Newman. Two hours second semester; following course IX. For seniors in all courses.

GREEK LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY.

Ia. ELEMENTARY COURSE.—The purpose of this course is to furnish to mature students, who have never studied Greek, an opportunity to begin this subject in college. The rate of progress is rapid. At the end of the year the student should be able to read Attic Greek with facility, in order the following year to pursue courses I. and II. This course is recommended to students who are looking forward to the study of theology or literature, and also to students of science, in connection with the use of Greek in scientific nomenclature. Full credit is given for this course. Five hours a week.

I. LYSIAS.—The course in Lysias embraces the eight orations given in Morgan's Lysias. Twenty lessons in Greek prose. Required of Classical Freshmen first half year. four hours a week.

II. HOMER, Iliad, Books I.-VI. Special attention given to Greek prosody and the dialectic peculiarities of Homer.

Study of the Homeric Question. Required of Classical Freshmen second half-year; four hours a week.

III. PLATO, *Apology* and *Crito*. Study of Socrates as a public teacher.

IV. SOPHOCLES, *Electra*

V. EURIPIDES, *Medea*. In connection with this and the preceding courses, the class will make a study of Dramatic Literature and the Greek stage. Considerable attention will be given to the prosody of the dialogue and choral odes. Courses III., IV. and V. are required of Classical Sophomores; four hours a week.

VI. DEMOSTHENES, *On the Crown*. Study of the Public Life of the Greeks.

VII. THUCYDIDES, Book VII., with studies in Greek History.

VIII. ARISTOPHANES, *Clouds*. Courses VI., VII., VIII., are elective. Open to Juniors and Seniors; three hours a week.

IX. JUSTIN MARTYR, *Apology Major*.

X. NEW TESTAMENT.—Winter Term. Courses IX. and X. are elective. Open to Juniors and Seniors; two hours a week.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY.

I. CICERO'S *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical Freshmen and Scientific Freshmen in Group S.; four hours a week first half year.

III. LIVY; Books I. and XXI. Sight reading continued. One hour a week is devoted to the study of Roman Literature. (Prof. Wilkin's Primer). Required of Classical and Scientific Freshmen of Group S.; four hours a week second half-year.

III. HORACE; Odes, Books I. and II., with the Epodes and selected Satires and Epistles. Review of Prosody and study of Hoatian metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. Required of Sophomores in Groups A. and S. Three hours a week.

IV. PLINY, Selected Letters, or Quintilian, Institutes, Books X. and XII.; Preston and Dodge's *Private Life of the Romans*, three hours a week. Required of Sophomores in Groups A. and S.; three hours a week.

V. JUVENAL and PERSIUS. Study of Roman Life under the Caesars.

VI. TACITUS; *Germania* and *Agricola*. Study of the Colonial Policy of Rome.

VII. CICERO; Tusculan Disputations. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Courses V. and VI. may be changed and other texts substituted after conference with students who propose taking these courses. Along with courses V., VI. and VII., the class will make a rapid survey of Roman Literature and an extensive study of Cicero, his Public Life and Literary Work. The library facilities are ample for special studies in classical subjects. Required of Classical Juniors and elective for Scientific students; two hours a week.

VIII. Suetonius. Lives of the Caesars, *Julius Augustus*, *Tiberius*. Two hours a week.

IX. TACITUS; *Dialogus de Oratoribus*. Two hours a week.

X. LUCRETIVS *De Natura Rerum*; or some one or more of the philosophical works of Cicero. Two hours a week.

Courses VIII., IX. and X. are elective, and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the method of presenting preparatory Latin, and in advanced Latin Prose, with systematic study of the grammar.

GERMAN LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

In the instruction in this department, three aims are constantly kept in view:

First—To give a practical reading knowledge of German, so that students preparing for professional careers, in teaching, literature, theology, law, medicine, science, etc., may be prepared to read and understand such foreign books as may be required in their respective curricula. Sight reading forms a part of the course.

Second—To introduce the student to the best German literature, both classic and modern, and develop in him a proper conception of its value, and an appreciation of the German idiom. The author of each selection is studied. Original papers are prepared on the subject matter read. Songs and lyrics are memorized.

Third—To help the student acquire the ability to speak the language. Questions and answers in German and original reproductions of the story form a part of almost every recitation, the object being so to implant the fundamental principles of the language that when the opportunity comes to use it in daily speech the task will be simple.

The following courses are offered:

I. ELEMENTARY COURSE.—Four recitations a week throughout the year. The time is devoted to the acquisition of a correct pronunciation, mastery of inflectional forms, the

ability to write German script, and the principles of sentence structure in German. Short poems are memorized and German songs taught.

TEXTBOOKS: Bacon's "*A New German Course*," is made the principal text for the year, and with strong classes an easy text may follow. Required of Freshmen in courses G. and L. who have not offered German for admission; also open to students in courses A. and S.

II. INTERMEDIATE COURSE.—Four recitations a week throughout the year. Students are taught to read and translate moderately difficult prose and poetry, and devote from one to two hours each week to prose composition. Throughout the course much attention is paid to practice in conversation.

TEXTBOOKS: The grammar is reviewed together with composition exercises. Kron's *German Daily Life*; *Willkommen in Deutschland*; Stern's *Geschichten vom Rhein*; Eichendorff's "*Taugenichts*," Goethe's *Hermann and Dorothea*; *Karl Heinrich*, by Meyer; Schiller's *Wilhelm Tell*; Fouque's *Undine*; Hillern's *Hoher als die Kirche*. Texts vary

Required of Sophomores in courses G. and L. who have taken only course I.; open to students in courses A. and S. who have had one year of German.

III. ADVANCED COURSE. Three recitations a week throughout the year. At the end of the course the student should be able to read, after brief inspection, any selection of German literature of the last one hundred and fifty years which is free from unusual textual difficulties, as well as to put into German a passage of simple English prose, and to answer, in German, questions relating to the lives and works of the great writers studied. Suitable reading matter. Bernhardt, *German Composition*; Scheffel's *Der Trompeter von Saekkingen*; Freytag, *Soll und Haben*; Lessing, *Minna*

von Barnhelm. During the past year Fossler's *Practical German Conversation* was studied once a week.

Required in course L.; open to students in course G. who have had two years of German.

IV. CLASSICAL COURSE. Three recitations a week throughout the year. Introduction to the history of German Literature. Practice in speaking in German. Short independent themes upon some assigned topics. Scientific German.

Keller's *Bilder aus der Deutschen Litteratur*, Schiller's principal works, Goethe's representative works; Sudermann's *Frau Sorge*; Hauptmann's *Die Weber*.

Required of students in course L.

V. CONVERSATION AND ADVANCED COMPOSITION.—Practice in translating English or American prose—partly at sight—conversation in German on German life and institutions. Essays. The course will be planned to suit the needs of the class.

INTERNATIONAL CORRESPONDENCE.—Students who desire it are given an opportunity to carry on, under direction, correspondence with students in German institutions.

FRENCH LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

The two courses are designed to impart to the student the ability to read and to appreciate critically modern and classical French. Practice in French conversation is also given, and Krøh's *How to Think in French* is studied in class.

I. ELEMENTARY COURSE.—Four recitations a week throughout the year. At the end of the course the student

should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life, and to answer questions on the rudiments of the grammar.

TEXTBOOKS: Chardenal's *Complete French Course*, Fontaine's *Douze Contes Nouveaux*, Super's *French Reader*, Verne's *Vingt Mille Lieues sous les Mers*, Gueiber's *La Main Malheureuse*, Dumas' *Les Trois Mousquetaires*, or other texts.

Required in courses G. and L.; elective in courses A. and S.

II. ADVANCED COURSE.—Three recitations a week throughout the year. At the end of the advanced course the student should be able to read at sight, with the help of a vocabulary, difficult French at any period not earlier than the seventeenth century, and to put into French a passage of easy English prose. Systematic practice in irregular verbs. Writing from dictation.

TEXTBOOKS: Suitable reading: Moliere's *Le Gentilhomme*; Victor Hugo's *Les Miserables*, Halevy's *L'Abbe Constantin*, and other suitable texts.

Composition and conversation exercises with grammar review.

Required in course L.; open to all students who have had one year of French.

III. Advanced grammar and composition. History of French literature. Reading of classics and recent authors. Conversation. Required of students in course L.; elective to students in course G.

IV. Original composition and continued grammar study. Old French literature in original forms, such as *La Chanson de Roland* and *Aucassin at Nicolette*. Modern literature. Phonology and Morphology. Required of Seniors in Literary course.

SPANISH LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

Realizing the growing importance of the Spanish language as a purely practical study and the cultural value of its distinctly characteristic literature, the following two courses are offered:

I. ELEMENTARY COURSE.—Grammar and composition, with Hill's and Ford's *A Spanish Grammar* as text. A suitable introductory reader and *Cuentos Castellanos*, followed by easy texts. Required of Juniors in course L.

II. ADVANCED COURSE.—Composition and conversation, with Ybarra's *Metodo Practico* as text. Reading of suitable selections from modern and mediæval Spanish literature, such as Padre Isla's *Gil Blas*, Galdos' *Marianela*, Valdes' *Jose*, Cervantes' *Don Quijote*, and others. Open to Seniors in course L.

MATHEMATICS.

PROFESSOR HORNER.

I. ALGEBRA.—This course will include a study of general methods of factoring, the general quadratics, progressions, permutations, combinations, binomial theorem, partial fractions, surds, determinants and elements of the theory of equations.

Required of Freshmen in all courses. First semester, four hours a week.

II. TRIGONOMETRY—Plane and Spherical. Required of Freshmen in all courses.

Second semester, four hours a week.

III. ANALYTIC GEOMETRY—Plane. Required of Sophomores taking groups S. and G.

First semester, four hours a week.

IV. CALCULUS.—An elementary course in differential and integral calculus, including geometrical and physical applications. Required of Sophomores taking groups G. and S.

Second semester, four hours a week.

V. ADVANCED COURSES.—Students desiring advanced courses in Mathematics may arrange to take courses in Theory of Equations, Advanced Differential and Integral Calculus, Differential Equations, etc.

PHYSICS AND ASTRONOMY.

PROFESSOR HORNER.

I. GENERAL PHYSICS.—(1) First semester; Mechanics and Heat (2) second semester, Electricity, Magnetism, Sound and Light, Lectures and recitations. Hasting's and Beach's General Physics is the text used. Required of all Juniors in groups S., G. and L. Elective in group A.

First and second semester, two hours a week.

II. LABORATORY PRACTICE.—A laboratory course to accompany Physics I. The experiments will be selected from a manual of experiments in physics by Ames & Bliss. Requirements the same as Physics I.

First and second semester, two periods of two hours each a week.

III. DESCRIPTIVE ASTRONOMY.—A study of the fundamental facts and laws of astronomy and of the methods and instruments of modern astronomical research. The treatment is non-mathematical. Open to Juniors and Seniors in groups S. and G.

First and second semester, two hours a week.

CHEMISTRY.

PROFESSOR HILL.

Ia.—GENERAL INORGANIC CHEMISTRY. Descriptive and Theoretical. Experimental lectures and recitations. Two hours throughout the year. Required of all students.

Ib.—GENERAL INORGANIC CHEMISTRY. Laboratory course. Accompanies course Ia, and is required of all students in the Scientific groups. Four hours.

These courses are based upon Dr. Alexander Smith's "General Chemistry for Colleges," and Smith and Hale's "A Laboratory Outline of General Chemistry."

II. QUALITATIVE ANALYSIS —This course includes lectures, recitations and laboratory practice in the general methods and processes of qualitative analytical chemistry. Five hours. First semester. Open to students who have completed courses Ia and Ib; required in group G.

III. QUANTITATIVE ANALYSIS.—A study of the standard gravimetric and volumetric methods of analytical chemistry. Lectures, recitations and laboratory work. Five hours. Second semester. Prerequisites, courses Ia, Ib and II. Required in group G.

IV. ORGANIC CHEMISTRY —A study of the characteristics of typical and simple organic compounds, followed by a consideration of the classification and more important classes of the derivatives of carbon. Lectures and recitations; laboratory practice in organic synthesis and analysis. Three hours. Prerequisites, courses Ia and Ib.

BIOLOGY.

PROFESSOR HILL.

Ia.—GENERAL BIOLOGY.—A general introduction to the subject through a broad, comprehensive study of living

things. Emphasis is laid on the essential facts of morphology and physiology as illustrated by the thorough study of a few types, rather than upon the minutiae of classification. As far as possible in an elementary course, the problems of theoretical biology are stated and discussed. Lectures and recitations. Two hours throughout the year. Required in all groups.

Ib. GENERAL BIOLOGY.—Laboratory course. Accompanies course Ia. Four hours throughout the year. Required in Groups S. and G.

II. ADVANCED PHYSIOLOGY AND VERTEBRATE HISTOLOGY.—Three hours. Prerequisites, Biology Ia and Ib and Chemistry Ia.

GEOLOGY.

PROFESSOR HILL.

Ia. STRUCTURAL AND DYNAMIC GEOLOGY. Textbook, Scott's "An Introduction to Geology." Two hours, first semester. Required in all groups.

Ib. HISTORICAL GEOLOGY AND PALÆONTOLOGY.—A study of the history of the earth with special reference to the development of the North American continent, and the evolution of life as revealed in the order and sequence of fossils. Two hours, second semester. Required in all groups.

II. MINERALOGY.—Descriptive and determinative Mineralogy and Petrology. Accompanies courses Ia and Ib, and required in group G.

SYNOPSIS OF COURSES.

FRESHMAN YEAR.

| GROUP A. | | *GROUP S. | |
|------------------------|---|------------------------|---|
| Greek I, II or Ia..... | 4 | Latin I, II..... | 4 |
| Latin I, II..... | 4 | English I. II..... | 3 |
| English I-I-II..... | 3 | Sacred History..... | 3 |
| Sacred History..... | 3 | Mathematics I, II..... | 4 |
| Mathematics I, II..... | 4 | Biology..... | 4 |

SOPHOMORE YEAR.

| | | | |
|------------------------|---|--------------------------|---|
| Greek III-V..... | 3 | Latin III-IV..... | 3 |
| Latin III-IV..... | 3 | English III-IV..... | 3 |
| English III-IV..... | 3 | History I-III..... | 2 |
| Chemistry Ia..... | 2 | Chemistry Ia, Ib..... | 3 |
| Biology Ia..... | 2 | Sacred Literature..... | 3 |
| Sacred Literature..... | 2 | †Mathematics III-IV..... | 4 |
| History I-III..... | 2 | | |

JUNIOR YEAR.

| | | | |
|--|---|-------------------------------------|---|
| Psychology and Logib..... | 3 | Psychology and Logic..... | 3 |
| History IV-VI..... | 2 | †History IV-VI..... | 2 |
| Latin V-VII..... | 2 | †Latin V-VII..... | 2 |
| Archeology and Ethics..... | 3 | Archeology and Ethics..... | 3 |
| English V-VII..... | 3 | German I..... | 3 |
| <i>Greek VI-VIII or German I</i> | 3 | Physics I-II..... | 4 |
| <i>Educational Psychology</i> | 2 | <i>Educational Psychology</i> | 2 |
| <i>Sociology</i> | 1 | <i>Sociology</i> | 1 |
| <i>French I</i> | 3 | <i>English</i> | 3 |

*In Group S, Greek may be substituted in place of Latin, provided the student has had preparatory Latin.

†Substitution may be made by consent of Faculty.

SENIOR YEAR.

GROUP A.

| | |
|----------------------------------|---|
| Evidences and Pedagogy | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| <i>Philosophy</i> | 3 |
| <i>Education</i> | 3 |
| <i>Biology</i> II | 3 |
| <i>Physics</i> | 4 |
| <i>German</i> II | 3 |
| <i>Greek</i> IX-X | 2 |
| <i>Latin</i> VIII-X | 2 |
| <i>History</i> VII-VII | 2 |
| <i>Hebrew or French</i> II | 3 |

GROUP S.

| | |
|-----------------------------------|---|
| Evidences and Pedagogy | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| Mineralogy I | 2 |
| <i>Philosophy</i> | 3 |
| <i>Latin</i> VIII-X | 2 |
| <i>German</i> II | 3 |
| <i>Organic Chemistry</i> | 3 |
| <i>Analytical Chemistry</i> | 3 |
| <i>History</i> VII-VIII | 2 |
| <i>Astronomy</i> | 2 |

FRESHMAN YEAR.

GROUP G.

| | |
|------------------------|---|
| English I, II | 3 |
| Sacred History | 3 |
| Mathematics I-II | 4 |
| Biology | 4 |
| German I | 3 |

GROUP L.

| | |
|-------------------------|---|
| English I, II | 3 |
| Sacred History | 3 |
| Mathematics I, II | 4 |
| German III | 3 |
| French I | 4 |

SOPHOMORE YEAR.

| | | | |
|--------------------------|---|-------------------------|---|
| English III-IV | 3 | English III-IV | 3 |
| History I-III | 2 | History I-III | 2 |
| Chemistry Ia, Ib | 3 | Chemistry Ia | 2 |
| Sacred Literature | 3 | Biology Ia | 2 |
| Mathematics III-IV | 4 | Sacred Literature | 3 |
| German II | 3 | German IV | 3 |
| | | French | 3 |

JUNIOR YEAR.

GROUP G.

| | |
|------------------------------------|---|
| Psychology and Logic | 3 |
| Physics I-II | 4 |
| Archeology and Ethics..... | 3 |
| Chemistry II | 3 |
| German III or French I | 3 |
| <i>Educational Psychology</i> | 2 |
| <i>Sociology</i> | 2 |
| <i>History IV-VI</i> | 2 |
| <i>English</i> | 3 |

GROUP L.

| | |
|-----------------------------------|---|
| Psychology and Logic..... | 3 |
| History IV-VI | 2 |
| English V-VII..... | 3 |
| Archeology and Ethics | 3 |
| German V..... | 3 |
| French III | 3 |
| <i>Educational Pedagogy</i> | 2 |
| <i>Sociology</i> | 2 |
| <i>History IV-VI</i> | 2 |
| <i>Spanish I</i> | 3 |

SENIOR YEAR.

| | | | |
|--------------------------------|---|--------------------------------|---|
| Evidences and Pedagogy | 3 | Evidences and Pedagogy | 3 |
| Economics and Politics IX-X | 3 | Economics and Politics IX-X | 3 |
| English VIII-XI..... | 2 | English VIII-XI..... | 2 |
| Geology | 2 | Geology..... | 2 |
| Mineralogy..... | 2 | <i>Philosophy</i> | 3 |
| <i>Philosophy</i> | 3 | <i>Education</i> | 3 |
| <i>Education</i> | 3 | <i>Organic Chemistry</i> | 4 |
| <i>Organic Chemistry</i> | 4 | <i>French IV</i> | 3 |
| <i>German IV</i> | 3 | <i>Biology</i> | 3 |
| <i>French II</i> | 3 | <i>Physics I-II</i> | 5 |
| <i>History VII-VII</i> | 2 | <i>History VII-VIII</i> | 2 |
| <i>Astronomy</i> | 2 | <i>Spanish II</i> | 2 |

GRADUATE COURSES.

The College gives opportunity to its own graduates and those of other institutions to do graduate work. Under the direction of the Faculty, courses will be outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give classroom instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

Full work for the Master's degree comprises the satisfactory completion of three graduate courses, not more than two of which shall be in any one department. The time for the completing of the course is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Under no circumstances will a degree be conferred for less than two full years of non-resident work. Final examinations must in all cases be conducted at the College; others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, \$5; examination, \$10; diploma, \$5.

For further information, address the President.

THE ACADEMY.

THE FACULTY OF THE ACADEMY.

REV. H. D. HOOVER, A. M., PH. D.,
*President of the College and Instructor
in the Bible.*

REV. W. K. HILL, A. M.,
*Instructor in Chemistry and
Biology.*

JUSTIN L. VAN GUNDY, A. M., PH. D.,
Instructor in Greek.

CARL O. SUNDSTROM, A. B.,
Instructor in German.

HARRY L. HORNER, A. M.,
*Instructor in Mathematics
and Physics.*

REV. JACOB YUTZY, A. M., D. D.,
*Instructor in Greek and Biblical
History.*

EMMA J. BELL, B. S.,
Instructor in English and History

ERMA RAND, A. B.,
Instructor in Latin.

J. ARTHUR BAIRD, A. B.,
Instructor in History.

ORLO D. SLATER,
Assistant in Mathematics.

The Academy is under the immediate direction of the Faculty of the College. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for College, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place, the work of the Academy is designed to furnish for young men and women, who may be denied the advantage of a college course, as much training and culture as is possible in four years of secondary school work, under the most favorable conditions of atmosphere and environment.

Sixteen units of credit are required for graduation. A unit is the amount of work involved in five (or four) recitations each week for an entire year. Each student in the Academy is expected to pursue regularly not more than five subjects, one of which shall be Bible study (two hours) in all aggregating not more than twenty recitation periods per week. Deviation from this arrangement can be made only with the approval of the Faculty. Ordinarily four years will be necessary to secure the required sixteen units of credit; nevertheless, students of maturity of mind and in good health may be able to meet the requirements in less time, and will be given every opportunity to do so.

The subjects required of students preparing for subsequent work in college are indicated under college entrance requirements on page 22.

Students who desire to take a general course in the Academy without preparing for College will be permitted to enter any classes for which their previous training fits them, provided the studies selected do not conflict on the schedule of recitations.

Students who have finished the eighth year work in the public schools of the county and schools of similar grade, will be prepared to enter the first-year class of the Academy.

Diplomas will be granted to all students who have completed any one of the regular courses of the Academy.

The graduates of our Academy are now entitled to admission on certificate to any of the institutions having membership in the North Central Association of Universities and Colleges. This association is composed of all the leading universities and colleges of the north central states, including Ohio on the east and Kansas and Colorado on the south and west.

COURSES OF STUDY.

FIRST YEAR.

ENGLISH D.—Grammar and Composition. English Classics.

HISTORY D.—Greek History, first semester. Roman History, second semester.

MATHEMATICS D.—Algebra.

LATIN D.—Beginning Latin.

SCIENCE D.—Physical Geography, first semester. Physiology, second semester.

BIBLE D.—See Bible Training Department.

SECOND YEAR.

ENGLISH C.—Practical Rhetoric and Composition. English Classics, college requirements.

MATHEMATICS C.—Geometry, Plane.

HISTORY C.—Mediæval History, first semester. English History, second semester.

LATIN C.—Cæsar. Latin Prose.

SCIENCE C.—Zoology, or Botany.

BIBLE C.—See Bible Training Department.

THIRD YEAR.

ENGLISH B.—Practical Rhetoric and Composition. English Classics, college requirements.

HISTORY B.—United States History. Civics.

LATIN B.—Cicero. Latin Prose.

GREEK B.—Beginning Greek.

SCIENCE B.—Chemistry.

GERMAN B.—Beginning German. (See German I. in College Courses.)

BIBLE B.—See Bible Training Department.

FOURTH YEAR.

ENGLISH A.—Practical Rhetoric and Composition.

MATHEMATICS A.—Algebra, first semester. Geometry, Solid, or Astronomy, second semester.

SCIENCE A.—Physics.

LATIN A.—Vergil. Prosody and Mythology.

GREEK A.—Xenophon's Anabasis.

GERMAN A.—(See German II. in College Courses).

BIBLE A.—See Bible Training Department.

BIBLE TRAINING DEPARTMENT.

UPON THE JOHN C. MARTIN FOUNDATION.

This new department, which is made possible through the generosity of Mr. John C. Martin, of New York City, and is in charge of the President as professor of Biblical Literature, assisted by Prof. Jacob Yutzy, D. D.

The work of the Department is two-fold: first, to give students in the College and Academy a mastery of the salient doctrines and leading facts of the word of God, as presented in the English Bible; and secondly, to add to the above mentioned knowledge a comprehensive system of training for young men and women intending to prepare themselves for Christian work. Each course is required of all regular students of the class for which it is designed. The following synopsis indicates the general scope of the work. While this is a brief outline of the courses offered, a more complete and detailed account of the work of this department will be furnished on application to the President.

Academy Course.

FIRST YEAR: Biblical Geography; New Testament History; Life of Jesus; Biblical Introduction; Outline Study of the New Testaments and of the Gospels. Study of the text of the Gospel according to St. Matthew.

SECOND YEAR: New Testament History; The Apostolic

Age. Biblical Introduction; Outline study of the Acts and of the Epistles. Study of the text of the Acts of the Apostles.

THIRD YEAR: Old Testament History; Biblical Archæology; Biblical Introduction; Outline study of the Historical Books of the Old Testament. Study of the text of First and Second Samuel, covering the middle period of the History of Israel.

FOURTH YEAR: Old Testament Prophecy and Wisdom Literature; Outline study of the Prophetical books of the Old Testament, and of the Books of Job, Proverbs, and Ecclesiastes. Study of the text of the Prophecy of Jeremiah.

College Course.

FRESHMAN YEAR: The Geography of Palestine; Life of Jesus; a careful study of the four Gospels and Harmony. Study of the text of the Gospels according to St. Matthew and St. Luke.

SOPHOMORE YEAR: The History of the Apostolic Age. A careful outline study of the Acts of the Apostles and of the Epistles, with reference to a harmony of the History of the Apostolic Age. Study of the text of the Acts of the Apostles, and of the Epistle to the Romans.

JUNIOR YEAR: Outline study of the Old Testament History and of Biblical Archæology. Outline study of the Historical Books of the Old Testament. Study of the text of Amos and Hosea with reference to the historical setting of each Prophecy.

SENIOR YEAR: Outline study of prophetical and wisdom literature of the Old Testament. A careful study of the text of Jeremiah and possibly other Prophecies. A course in the Evidences of Christianity

SPECIAL COURSES OF INSTRUCTION

MUSIC.

VOICE.

MISS DAVIDSON.

This department will retain all that has proved meritorious in the teaching methods of the past, and keep in touch with and utilize the best in modern methods. It is the aim of this department to develop the musical tastes and capabilities of each pupil.

The following course is open to those who are capable of acceptably doing the work. It is not necessary that the pupil should be highly gifted musically, but he should have a natural love for music, a fair degree of health, a correct ear, and freedom from any abnormal condition of the vocal organs.

No definite length of time can be specified for the completing of this course, as the voices of some pupils will develop more rapidly than others and as some will more readily accomplish the work than others. As a rule no one should hope to graduate from this department under twenty years of age, as a young, undeveloped voice is incapable of doing the work prescribed in the latter part of the course.

FIRST YEAR: Breathing, tone production, voice placing. Exercises for tone development and flexibility. Sight reading, enunciation, artistic interpretation and expression. Marzo's "The Art of Vocalization." Songs by Ries, Lassen,

Grieg and Franz. Easy songs by the best American and other composers.

SECOND YEAR: Continued exercises for flexibility and tone development. "The Art of Vocalization," Songs by Rubenstein, Liszt, Mendelssohn, Schumann, Schubert, and leading composers of other schools of music. Some coloratura songs.

THIRD YEAR: Arias from Italian operas to take the place of vocalizes. Songs by standard composers of the various schools, including Schumann, Schubert, Brahms, Von Fielitz, Hugo Wolf, Richard Strauss, Debussy and D'Indy. Selections from oratorios and German operas.

FOURTH YEAR: Continued study of classic songs by the great composers. Further selections from oratorios and operas, including a more comprehensive study of the Wagner operas. Broader and more advanced work in interpretation and expression.

Candidates for graduation must have a general education equal at least to a high school course, must have had one year of German, French, Harmony and History of Music, and must have completed the second grade in piano.

Candidates must also have undoubted musical taste and ability, must be able to sing at sight, be able to interpret and render songs artistically, and are required to give at least one creditable recital.

Choral Singing.

Work along this line will consist of note reading and the study of choruses from the simplest four-voiced song forms to the great choruses from the oratorios and operas. The class is open to all who have sufficient musical knowledge to do the work.

PIANO DEPARTMENT.

MR. RALPH LAWTON, VISITING DIRECTOR.

MISS MARGHERITA KOCH, RESIDENT TEACHER.

It is the aim of this department to give to those who come under its supervision the best musical education possible, and to awaken aspirations for the highest ideals in art and everyday life as well. To do this, pupils are advised to take as much of the theoretical work as possible in addition to the work in piano. In order to stimulate greater interest, pupils are urged to make use of every opportunity to hear good music, and to keep in touch with the happenings of the musical world. To further broaden their ability to interpret, pupils are urged to avail themselves of their opportunities and take courses in other departments as they have time for them. The following course of study is not rigidly followed, but selections are made as the need and individuality of the pupil require, as it is the aim of the department to develop well-rounded musicians, capable of expressing individual ideas in the interpretation of the compositions studied. Mere mechanical skill will therefore not suffice. Such skill is simply a means in interpretation.

Elementary.

Fundamental principles of technique and phrasing and their application in such compositions as the following: Mrs. Crosby Adams, "First Lessons at the Piano;" Tchaikowsky, "Album for the Young;" Schumann, "Album for the Young;" Bach, "Two Part Inventions;" Heller, "Preludes;" Heller, "Etudes;" Reinecke, "Sonatas."

Intermediate.

Further work in technique and such compositions as the following: Mozart, "Sonatas;" Haydn, "Sonatas;" some of the easier Beethoven "Sonatas;" Bach, "Three Part Inventions;" MacDowell, "Woodland Sketches," "Sea Pieces;" Schubert, "Moments Musicaux," "Impromptus;" Mendelssohn, "Songs Without Words;" Chopin; "Nocturnes," "Waltzes," "Mazurkas;" Liszt, "Liebestraume," etc.

Advanced.

Further work in technique, and such compositions as the following: Grieg, "Sonata," "Ballade;" Brahms's "Sonata," "Intermezzos;" Beethoven "Sonatas;" Schumann "Sonata," "Etudes Symphonic;" Chopin, "Etudes," "Scherzos," "Ballades;" Liszt "Etudes," "Concertos;" Saint Saens's "Concerto;" Rubinstein "Concerto," etc.

Equipment.

There are in the piano teacher's studio, which is situated in the main building, two pianos—an upright and a grand—also a clavier. A Mason & Hamlin grand piano is kept at the Trinity Lutheran Church, where all recitals are held, for recital use only. Several practice rooms are available for those who desire to practice at the college.

Class Lessons.

The visiting director, Mr. Lawton, holds a class lesson every two weeks. This is open to all students in the department, and is given without extra charge. Lectures on different subjects in interpretation, theory and technique are given at these times. The pupils take turns in playing the compositions they are studying, the class as well as the teacher criticizes, and the principles involved are discussed.

Ensemble Class.

To develop the pupils in ability to read at sight and in accuracy of rhythm, ensemble work is given once a week. No extra charge is made, and the work is open to all capable of doing it. Compositions which can be arranged for two pianos but not readily adapted for solo work, such as the Dvorak "New World Symphony" are used.

Technique.

Special work in technique will be given either in classes or privately. Different technical forms will be studied, followed by a study of the Chopin, Schumann and Liszt "Etudes" taken from a technical standpoint.

Normal Training.

This work is open only to those whom the teacher consider ready for such a course. The pupil must be taking other work in the department and be far enough advanced to understand the subject matter which will be discussed. A study of the muscles of the arm and hand, their functions and the means of developing them, will be taken up. A review of the different kinds of technique and their uses will be made, also a review of the rules and principles of phrasing, interpretation, rhythm and reading. The matter of selecting pieces suitable for different types of individuals and their needs, will be thoroughly discussed. The lectures will be practically illustrated by actually teaching in the presence of the class. Teaching work will be assigned each member and the result criticized before the class.

Recitals.

Frequent recitals are given by the pupils capable of taking part, so as to accustom them to playing in public and

that all may become familiar with the various compositions being studied. Numerous recitals are also given by the faculty of the music department. Other opportunities for hearing good music are offered by the college organizations, such as the "Boys' Glee Club," "Girls' Glee Club," "Choral Society" and the Y. M. and Y. W. C. A., who furnish several musical numbers in their annual lecture course.

The requirements for completing a course, are a year's work in the history of music, two years of harmony and an amount of work in piano deemed satisfactory to the instructors, the length of time depending upon the ability and industry of the pupil.

Organ.

Those intending to take work in pipe organ playing, are urged to supplement it with work on the piano and in the theory of music, when possible. The fundamental principles of technique, both manual and pedal, rhythm, sight reading and phrasing are taught. Especial attention is paid to interpretation and registration. Such works as Lemmen's "Organ School," Mendelssohn's "Organ Sonatas," Bach's "Fugues," Guilman's "Practical Organist," Dubois' "Toccata," are used.

Harmony.

Two years will be required to satisfactorily complete the course in harmony. The work may be taken privately or in classes, either once or twice a week. Foote and Spaulding's "Harmony" will be used as a text. The work will include study in ear training in connection with the other requirements. Especial attention will be placed upon original composition.

History.

The course in the history of music is intended to cover a year's work. Untersteiner's "History of Music" will be used as a text, supplemented by outside reading.

 RULES AND REGULATIONS.

Instructors are not required to make up lessons lost through the absence of a pupil.

No deductions will be made for omitted lessons except in case of protracted illness.

Special vocal coaching for work outside the course will be given only to advanced pupils, and then only on condition that it does not interfere with the regular work.

Two years of ensemble work are required of graduates in the piano department.

All pupils are required to take part in pupils' recitals, which will be given from time to time during the year.

A statement of the work done by the pupil will be given if so desired.

Terms.

| | |
|--|---------|
| Piano, one lesson a week, per semester..... | \$18 00 |
| Piano, two lessons a week, per semester..... | 27 00 |
| Voice, one lesson a week, per semester..... | 18 00 |
| Voice, two lessons a week, per semester..... | 27 00 |
| Chorus, one lesson a week, per year..... | 3 00 |
| Use of piano, one hour daily, per year | 4 50 |
| Use of piano, three hours daily, per year | 11 25 |
| Harmony, one lesson a week, per year..... | 18 00 |
| Harmony, two lessons a week, per year..... | 27 00 |
| Harmony (class) one lesson a week, per year | 10 50 |
| Musical History (class) one lesson a week, per year..... | 4 50 |
| Pipe Organ, per lesson | 1 00 |
| Special Coaching, per lesson | 1 50 |

EXPRESSION.

MISS ROYER.

It is the aim of this department to develop speakers whose style shall be simple and natural and, when occasion requires, forceful. The great end is to develop the entire man, then teach him to think and feel while on his feet before an audience, and to express those thoughts and emotions through his own individuality. The individuality of the pupil is of the first importance. The speaker is educated, not by fashioning him after a certain model, but by quickening and developing the intellectual faculties, cultivating the imagination, then leaving him free to express his thoughts and emotions; hence the pupil is not the imitator of the teacher.

After the student has had general preparation, he is required to study as many literary masterpieces, great poems; orations, etc., as the time will permit,

Voice Culture.

This is of the first importance, as the voice when free and unrestricted by habits, defects or misuse, is a true reporter of the soul. It must respond to every impulse of thought, will and passion. First, we find the true voice, and then develop this voice, that it may, in the most natural and forcible manner convey the thought of the speaker to the audience.

I. Correct breathing; articulation; range of pitch; defect of speech, cause and cure, etc.

Bodily Expression.

A method of teaching gesture which results in spontaneous and subtle gestures. It acts to develop harmony, to suppress superfluous gesture, and produce a closer adjustment of form to content.

Life Study and Personation.

The study and portrayal of living characters and the personation of characters famous in literature. This work has been found to cultivate the perceptive faculties and to encourage the timid student to bring variety into the rendering of all. It breaks up mannerisms and develops unsuspected talent in expression.

Terms.

| | |
|--|---------|
| One lesson a week (private), per term | \$ 9.00 |
| Two lessons a week (private), per term | 15.00 |
| Classes of three, two lessons a week, per term | 5.00 |
| Single lessons (private) | .75 |

No reductions for lessons missed except in case of illness, and then only when lessons cannot be made up

PHYSICAL CULTURE FOR WOMEN.

MISS ROYER.

It is our aim in this department to promote the physical well-being of each student to the end that the body may be made not only the sustaining and propelling power for the student's mental activity during the period of her college training, but also that it may be rendered fit for the performance of the duties of real life.

The importance of regular daily exercise is emphasized, and the work of correcting physical irregularities and of promoting grace and ease in carriage is attempted.

A variety of exercises is used, comprising esthetic exercises and various drills for general physical development, both with and without apparatus.

PHYSICAL CULTURE FOR MEN.

MR. BAIRD.

Every man in college is required to take two hours' gymnasium work per week, or its equivalent in out-door athletics, for which one-half of a credit is given.

During the fall the men play foot ball and have a moderate number of games scheduled with other institutions of learning, the object being to give added interest in out-door exercise by giving men something extra for which to play, besides the mere daily routine. Men gain an additional benefit by meeting other men in clean, honest games.

Carthage College can boast of a better gymnasium than many institutions of five or six times its enrollment. After Thanksgiving the men go into the gymnasium, taking regular drills in Indian club, bar bell, dumb bells and free hand movements, together with work on the French horse, ladders, parallel and horizontal bars. Much interest is taken in basket ball, and teams of the neighboring schools and cities are played.

After March 1, track athletics are taken up and in-door and out-door interclass meets are held; also track meets with as many other colleges as time will permit.

The College Athletic Field is well equipped with 120-yard cinder path, jumping and vaulting places, ample room for the hurling of the weights, a good bluegrass gridiron, a quarter-mile track and base-ball diamond. It is convenient to the gymnasium, and is not surpassed by any such fields in this part of the country.

Carthage College's ideal of a man is one who is intellectual, and who has a physique which is not a disgrace to his intellect.

STUDENTS.

THE COLLEGE.

GRADUATE STUDENT.

Ferris, Ruth Carthage

SENIOR CLASS.

| | | |
|------------------------|------------|----------------|
| Everhart, Clifford | Classical | Carthage |
| Harnest, Forrest L. | Scientific | Carthage |
| Harris, Flossie | Classical | Carthage |
| Hightower, Clarence | Classical | Hillsboro |
| Horney, Alma | Scientific | Carthage |
| Huey, Lawrence | Scientific | Plymouth |
| Huston, Edna B. | Classical | Carthage |
| Little, Roy | Classical | Oregon |
| Rupp, Lewis W. | Scientific | Conneaut, Ohio |
| Tranberg, Christian P. | Classical | Chicago |

JUNIOR CLASS.

| | | |
|---------------------|------------|-------------|
| Chevillon, Blanche | Scientific | Carthage |
| Chevillon, Lenore | Scientific | Carthage |
| Cannon, M. Blanche | Classical | Carthage |
| Davidson, Floy | Classical | Carthage |
| Davidson, Grace | Classical | Carthage |
| Getzendaner, J. Wm. | Classical | Polo |
| Hartman, Harry | Scientific | Mt. Carroll |

| | | |
|----------------------|------------|------------|
| Hill, Esther | Scientific | Carthage |
| Lipe, Carrie B. | Scientific | Carthage |
| Lipe, Cora | Scientific | Carthage |
| McCreary, Hazel | Classical | Carthage |
| Nethery, George | Scientific | Carthage |
| Nethery, James | Scientific | Carthage |
| Rand, Lucile | Classical | Carthage |
| Rosenstengel, Minnie | Scientific | Carthage |
| Slater, Orlo D. | Scientific | West Point |
| Wood, Otis | Irregular | Carthage |

SOPHOMORE CLASS.

| | | |
|---------------------|------------|-----------------|
| Chapman, Myrna | Classical | Carthage |
| Foley, Frances | Scientific | Plymouth |
| Foley, James Turner | Scientific | Plymouth |
| Helfrich, Otis | Scientific | Carthage |
| Hill, William G. | Scientific | Carthage |
| Hoover, Ada V. | Scientific | Muscatine, Iowa |
| Martin, Pearl | Classical | Burnside |
| Moore, Helen | Scientific | Carthage |
| O'Harra, Gladys J. | Scientific | Carthage |
| O'Harra, Laura | Scientific | Chicago |
| Poland, Earl W. | Classical | Elvaston |
| Robbins, William | Scientific | Carthage |
| Schmidt, Erna | Scientific | Arenzville |
| Scovern, Jessie M. | Irregular | Carthage |
| Taylor, Stephen | Scientific | Carthage |
| Walter, Luther | Scientific | Canton |

FRESHMAN CLASS.

| | | |
|------------------|------------|----------|
| Black, Harold W. | Scientific | Carthage |
| Bell, Earl N. | Scientific | Carthage |
| Campbell, Frank | Classical | Irving |

| | | |
|---------------------|------------|---------------|
| Carlson, Esther | Classical | Rockford |
| Clark, Stuart | Scientific | Carthage |
| Curts, Harry J. | Scientific | Carthage |
| Cutler, Harry H. | Scientific | Carthage |
| Dorow, Elizabeth | Classical | Golden |
| Dorow, Erna | Classical | Golden |
| Ferris, Adelaide A. | Scientific | Carthage |
| Foley, Howard | Scientific | Plymouth |
| Johnson, Dane | Scientific | Carthage |
| Manton, Vivian | Scientific | Perry |
| Martin, Edward | Scientific | Perry |
| McFarland, Robert | Scientific | Powellton |
| O'Harra, Roswell B. | Scientific | Carthage |
| Parker, Karr | Scientific | Carthage |
| Payne, Lawrence | Scientific | Carthage |
| Richards, Joseph L. | Scientific | Carthage |
| Robbins, Junius | Scientific | Carthage |
| Rohrbough, Ona | Scientific | Carthage |
| Royer, Lucretia | Scientific | Mandan, N. D. |
| Seibert, A. A. | Scientific | Mt. Carmel |
| Schell, Ruth | Classical | Polo |
| Simmons, Leo E. | Scientific | Carthage |
| Swaney, Dennis D. | Classical | Nokomis |
| Swaney, Luther | Classical | Nokomis |
| Walker, Hale J. | Scientific | Carthage |
| Welge, Lynn | Scientific | Hillsboro |

SPECIAL STUDENTS.

| | |
|--------------------------|----------|
| Bertschi, Loyd | Carthage |
| Byington, Nellie | Carthage |
| Mack, Edward Carey | Carthage |
| Powell, Mabelle | Carthage |

THE ACADEMY.

FOURTH YEAR.

| | |
|------------------------|---------------|
| Black, Nellie M | Carthage |
| Bolton, Dora | Nauvoo |
| Fleming, Frank | Denver |
| Hamilton, Clara | Carthage |
| Strickler, Floyd | Mendon |
| Waggener, Leone | Centralia, Mo |

SPECIAL STUDENT.

| | |
|----------------------|----------|
| McMillan, Mary | Carthage |
|----------------------|----------|

THIRD YEAR.

| | |
|--------------------------|------------|
| Bannen, Howard | Rockford |
| Benner, Lloyd | Nauvoo |
| Coleman, Roy | Carthage |
| Harper, Edna | Carthage |
| Hill, Katharine | Carthage |
| Hill, Robert | Carthage |
| Jones, William | Carthage |
| Martin, Fred | Burnside |
| Ohaver, William | Denver |
| Schmidt, Arthur | Arenzville |
| Schmidt, Zelia | Arenzville |
| Siegrist, Benedict | Pontoosuc |
| Thompson, Inez | Carthage |
| Warwick, Geneva | Carthage |
| Wolfe, Harold | Carthage |

SECOND YEAR.

| | |
|---------------------|-----------------|
| Clark, Gervis | Carthage |
| Ervin, Earl | Carthage |
| Gent, John J | Muscatine, Iowa |
| Hierman, Edna | Beardstown |

| | |
|--------------------------|------------|
| Hilbish, Harry | Dixon |
| Jones, Ralph | Carthage |
| Kloker, Norma | Beardstown |
| Lawless, Carl | Carthage |
| Salisbury, Everett | Burnside |
| Windman, George | Carthage |

FIRST YEAR.

| | |
|------------------------|----------|
| Bolton, Walter | Nauvoo |
| Campbell, Bruce | Irving |
| Cox, Pearl | Carthage |
| Cutler, Paul | Carthage |
| Duncan, Hattie | Burnside |
| Heaton, Samuel | Ferris |
| Hill, Rowland | Carthage |
| Ireland, Fred | Carthage |
| Mortensen, Alma | Chicago |
| Olsson, Florence | Chicago |
| Richards, Floyd | Plymouth |
| Ruggles, Ada | Carthage |
| Swain, Ethelyn | Carthage |
| Yetter, Bertha | Carthage |

MUSIC DEPARTMENT.

VOCAL.

| | |
|----------------------------|-------------|
| Carlin, Alma | Bowen |
| Carpenter, Mrs. S. N. | Carthage |
| Davidson, Floy | Carthage |
| Davidson, Grace | Carthage |
| Dorow, Elizabeth | Golden |
| Dorow, Erna | Golden |
| Doud, Mrs. R. F. | Ferris |
| Foley, Turner | Plymouth |
| Hartman, Harry | Mt. Carroll |
| Harrison, Ina | Bowen |

| | |
|---------------------------|------------|
| Hilbish, Harry | Dixon |
| Hill, Katharine | Carthage |
| Hill, William | Carthage |
| Knott, Clara | Fiatt |
| Mecum, Verna | Bowen |
| Newcomer, Mrs. C. B. | Carthage |
| O'Harra, Edith | Carthage |
| O'Harra, Gladys | Carthage |
| Peters, Blanche | Basco |
| Schmidt, Arthur | Arenzville |
| Scott, Eugenia | Carthage |
| Yutzy, Anna | Carthage |

PIANO.

| | |
|----------------------------|------------|
| *Boensel, Alma | Beardstown |
| Cherrill, Elizabeth | Carthage |
| Cutler, Mrs. Francis | Carthage |
| Ferris, Mary | Carthage |
| Griffith, Ethelyn | Carthage |
| Harper, Edna | Carthage |
| Helfrich, Trevor | Carthage |
| Herring, Mary | Carthage |
| Hill, Esther | Carthage |
| Hill, Katharine | Carthage |
| Hill, William | Carthage |
| Knott, Clara | Fiatt |
| Mortensen, Alma | Chicago |
| Newcomer, Mrs. C. B. | Carthage |
| Parker, Beryl | Carthage |
| Swaine, Pearl | Carthage |
| Swaney, Luther | Nokomis |
| Sweeney, Helen | Carthage |
| Talbot, Bernice | Carthage |

*Deceased.

| | |
|-----------------------|----------|
| Talbot, Ruth..... | Carthage |
| Williams, Miriam..... | Carthage |
| Yutzy, Anna..... | Carthage |

ORGAN.

| | |
|--------------------------|----------------|
| Cherrill, Elizabeth..... | Carthage |
| Parker, Beryl..... | Carthage |
| Rupp, Louis..... | Conneaut, Ohio |
| Sympson, June..... | Carthage |

HARMONY.

| | |
|--------------------------|------------|
| Boensel, Alma..... | Beardstown |
| Newcomer, Mrs. C. B..... | Carthage |
| Sympson, Enid..... | Carthage |
| Yutzy, Anna..... | Carthage |

HISTORY

| | |
|------------------|----------|
| Yutzy, Anna..... | Carteage |
|------------------|----------|

VIOLIN.

| | |
|--------------------|----------|
| Hill, William..... | Carthage |
|--------------------|----------|

DEPARTMENT OF EXPRESSION.

| | |
|-------------------------|------------|
| Black, Harold..... | Carthage |
| Black, Nellie..... | Carthage |
| Boensel, Alma..... | Beardstown |
| Byington, Nelle..... | Carthage |
| Chevillon, Blanche..... | Carthage |
| Chevillon, Lenore..... | Carthage |
| Campbell, Frank..... | Irving |
| Carlson, Esther..... | Rockford |
| Cannon, Blanche..... | Carthage |

| | |
|-------------------------------|----------------|
| Curts, Harry | Carthage |
| Cutler, Harry | Carthage |
| Dorow, Elizabeth | Goldon |
| Dorow, Erna | Golden |
| Everhart, Clifford | Carthage |
| Ferris, Adelaide | Carthage |
| Foley, Frances | Plymouth |
| Foley, Howard | Plymouth |
| Furrow, Ruth | Carthage |
| Getzendaner, J. William | Polo |
| Harris, Flossie | Carthage |
| Hartman, Harry | Mt. Carroll |
| Huey, Lawrence | Plymouth |
| Horney, Alma | Carthage |
| Lambert, Irene | Colusa |
| Lane, Hazel | Carthage |
| Little, Roy | Oregon |
| Lipe, Cora | Carthage |
| Lipe, Carrie | Carthage |
| Mack, Grace | Carthage |
| McMillan, Mary | Carthage |
| McClellan, Anna | Denver |
| McCreary, Hazel | Carthage |
| McFarland, Robert | Powellton |
| Mourning, Nellie | Basco |
| O'Harra, Roswell | Carthage |
| Peter, Blanche | Basco |
| Richards, Joseph | Plymouth |
| Rohrbough, Ona | Carthage |
| Robbins, Wm | Carthage |
| Royer, Lucretia | Mandan, N. D. |
| Rupp, Louis | Conneaut, Ohio |
| Slater, Orlo | West Point |
| Schell, Ruth | Polo |
| Swaney, Dennis | Nokomis |

| | |
|---------------------------|---------------|
| Swaney, Luther.... | Nokomis |
| Siegrist, Benedict.... | Pontoosuc |
| Taylor, Stephen..... | Carthage |
| Tranberg, Christian | Chicago |
| Walker, Hale..... | Carthage |
| Waggener, Leone..... | Centralia, Mo |
| Welge, Lynn... .. | Hillsboro |

PHYSICAL CULTURE.

| | |
|---------------------------|----------|
| Harris, Mrs. Hattie | Carthage |
| McKee, Helen | Carthage |
| Scott, Eugenia..... | Carthage |

SUMMARY.

THE COLLEGE:

| | | |
|-----------------------|----|----|
| GRADUATE STUDENT..... | 1 | |
| SENIORS..... | 10 | |
| JUNIORS..... | 17 | |
| SOPHOMORES..... | 16 | |
| FRESHMEN..... | 29 | |
| SPECIAL..... | 4 | 77 |

THE ACADEMY:

| | | |
|------------------|----|----|
| FOURTH YEAR..... | 7 | |
| THIRD YEAR..... | 14 | |
| SECOND YEAR..... | 10 | |
| FIRST YEAR..... | 14 | 46 |
| SPECIAL..... | 1 | |

SPECIAL DEPARTMENTS:

| | | |
|--|----|----|
| MUSIC..... | 54 | 54 |
| EXPRESSION..... | 52 | 52 |
| PHYSICAL CULTURE (Special Students)..... | 3 | 3 |

| | | |
|---------------------|--|-------|
| | | 232 |
| NAMES REPEATED..... | | 77 |
| | | <hr/> |
| TOTAL..... | | 155 |

Alumni et Alumnae.

†OFFICERS OF THE ASSOCIATION.

| | |
|------------------------------|-----------------------------|
| PRESIDENT..... | J. ARTHUR BAIRD, '00 |
| FIRST VICE-PRESIDENT..... | R. W. SAER, '92 |
| SECOND VICE-PRESIDENT..... | MABEL MARTINIS, '98 |
| THIRD VICE-PRESIDENT..... | Mrs. W. K. HILL, '82 |
| RECORDING SECRETARY..... | DEENA THOMPSON, '07 |
| CORRESPONDING SECRETARY..... | EDITH O'HARRA, '07 |
| TREASURER..... | S. H. FERRIS, '82 |
| EDITOR..... | MARY TRESSLER NEWCOMER, '87 |
| BIOGRAPHER..... | DR. C. L. FERRIS, '76 |
| COLLEGE TRUSTEE..... | O. B. TURNER, '95 |

1875

| | | |
|---|---|--------------------------------------|
| James M. Cromer, A. M., D. D., minister | - | - |
| - | - | 2720 E. 36th Street, Kansas City, Mo |
| *Ida Harris King, A. M., | - | - |
| Maggie Taylor Bowers, A. M., | - | Boise City, Idaho |
| Kate Thummel Kisher, M. S., | - | Prairieville |

1876

| | | |
|--|---|---------------|
| *Hon. George A. Anderson, A. M. | - | - |
| *Grace Cherrill, B. S., | - | - |
| Ben L. Cress, M. S., civil engineer | - | Boulder, Colo |
| J. M. Dempster Davidson, A. M. D. D., dean | - | - |
| St. Paul's Cathedral, 125 W. 7t St., Oklahoma City, Okla | | |

*Deceased.

†The Faculty and the officers of the Association desire to have the correct address of every graduate. It will be deemed a favor if the President of the college and the Secretary of the Association be informed of errors and of changes in address.

| | | | |
|---|---|---|--------------------|
| Oscar M. Easterday, M. S. | - | - | Palo Alto, Cal |
| Ina Elder, A. M., real estate agent | - | - | Carthage |
| Joseph C. Elder, M. S. | - | - | Carthage |
| Charles L. Ferris, A. M., physician | - | - | Carthage |
| J. Q. A. Kimmel, M. S., LL. B., attorney at law | | | |
| - | - | - | Murphysboro |
| Sophronia Nesbit, A. M. | - | - | Hood River, Oregon |
| *Hattie Scofield Cromer, A. M | - | - | |
| T. J. Scofield, A. M., attorney | - | - | Chicago |
| Rose Spitler Scofield, A. M. | - | - | Carthage |
| Judge A. A. Wolfersperger, M. S., attorney at law | | | |
| - | - | - | Sterling |

1877

| | | | |
|--|---|---|----------------------|
| *George H. Albright, A. M. | - | - | - |
| *Jennie Fletcher, M. S. | - | - | - |
| Mary Hawley Findley, M. S. | - | - | Wichita, Kans |
| *Addie Logan Ray, A. M. | - | - | |
| Laura A. Manier, A. M., music teacher | - | - | Carthage |
| Emma Sample Darrough, M. S. | - | - | Red Bluff, Cal |
| Julia Scofield McKemey, A. M. | - | - | Fairfield, Ia |
| James E. Weir, A. M., minister | | | Grand Junction, Colo |
| J. J. Williams, A. M., attorney at law | | | Kansas City Mo |

1878

| | | | |
|--|---|---|-----------------|
| *L. P. Cravens, A. M. | - | - | - |
| Maggie Cravens, A. M., teacher | - | - | Carthage |
| Emma J. Cromer Ladd, A. M. | - | - | Sheldon, Ia |
| Charles S. DeHart, A. M., banker | - | - | Carthage |
| John F. Fair, A. M., physician | - | - | Freeport |
| Junius Colton Ferris, A. M., M. E., banker | | | Carthage |
| William G. Gettle, A. M., minister | | | Table Rock, Neb |

| | |
|--|---------------|
| E. Clark Hughes, A. M., U. S. Dist. judge | Seattle, Wash |
| J. Frank Keefer, A. M., LL. D., physician | - Sterling |
| George W. Loop, A. M., farmer | - Huntsville |
| Charles M. McMillan, B. S., | - Carthage |
| M. G. Rohrbaugh, M. S., president business college | - Omaha, Neb |

1879

| | |
|--|------------------|
| Caroline Bartlett Crane, A. M., minister | Kalamazoo, Mich |
| Alice E. Crawford Sanford, M. S., | - Palo Alto, Cal |
| *Peter Ewald, A. M. | - |
| W. G. W. Geiger, A. M., attorney at law | Tipton, Ia |
| Frank H. Helsell, A. M., circuit judge | Sioux Rapids, Ia |
| Scott M. Ladd, M. S., LL. D., judge supreme court | - Sheldon, Ia |
| *Flora Manier Geiger, A. M., | - |
| Nellie Nesbit Hunn, A. M., | - Des Moines, Ia |
| Fernando Sanford, M. S., head professor of physics in Leland Stanford Jr. University | Palo Alto, Cal |
| Albert B. Shrader, A. M., minister, R.F.D.2, | Long Lane, Mo |
| H. M. Swope, A. M., attorney at law | - Quincy |
| Mary V. Thompson Harris, M. S. | - Carthage |
| Hattie L. Tillapaugh Shrader, M. S., | Long Lane, Mo |
| William H. Weaver, M. S., physician | McDonoughville |

1880

| | |
|--|--------------------|
| Stephen K. Bittenbender, A. M., | - Ponca, Neb |
| Frank M. Campbell, M. S., physician | Clafins, Kan |
| Robert L. Casburn, M. S., physician | Roswell, N. M |
| Emma DeHart Hughes, A. M., | - Seattle, Wash |
| Joseph G. Gilchrist, M. S., civil engineer | Brookfield, Mo |
| Minnie Gilchrist Wood, M. S., | - Ridgewood, N. J |
| M. Blanche Griffin McArthur, M. S., | - Hamilton |
| W. D. Henkle, A. M., printer | - Philadelphia, Pa |
| Herman Juilfs, A. M., | - White Oak, Ohio |

| | | |
|--------------------------------------|---|--------------|
| M. Inez Robins Bickford, M. S., | - | Plymouth |
| Andrew S. Zimmerman, A. M., minister | | Newark, N. J |

1881

| | | |
|------------------------------------|---------------------|-------------------|
| Will O. Carlton, B. S., editor | - | Newcastle, Wyo |
| William F. Ebright, A. M., farmer | | North Platte, Neb |
| Adelia Griffin Barnett, B. S , | 2540 Prospect Ave., | |
| - | - | Kansas City, Mo |
| *Frank C. Harris, B. S. | - | |
| Edgar F. Hurdle, B. S., farmer | - | Wheatland, Wyo |
| Josiah Kuhn, B. S., minister | - | Bunker Hill, Kan |
| Joseph H. Miller, A. M., physician | | Surprise, Neb |
| *Clifford C. Musser, A. M. | - | |
| Mary Overman Damrell, B. S. | - | Hastings, Neb |
| *W. P. Overman, B. S. | - | |
| John K. Reed, B. S , minister | - | Martinez, Cal |
| Walter Vanzile, B. S., farmer | - | Rowland, Ala |
| R. D. Zimbeck, A. M., physician | | Montevideo, Minn |

1882

| | | |
|--|----------|----------------------------|
| Oscar E. Aleshire, A. M., insurance agent, 159 | | |
| LaSalle street, Room 504 National Life Bld'g | | Chicago |
| Stephen H. Ferris, A. M., banker | - | Carthage |
| A. C. T. Geiger, A. M., district judge | | Oberlin, Kan |
| Kate Griffith Hill, A. M. | - | Carthage |
| *Francisco Hopp Geiger, A. M. | - | |
| David E. Mack, A. M., attorney at law | | Carthage |
| Florence J. Mereness Tressler, M. S. | | Shelbyville, Ind |
| George H. Schnur, A. M., minister | 730 Mar- | |
| - | - | shall Ave., St. Paul, Minn |
| *William N. Weir, B. S. M. D. | - | |
| Frank Wertz, A. M., attorney at law | - | Forreston |
| Susan Williams, M. S. | - | Carthage |

1883

| | | | | |
|--|---|---|---|------------------|
| Alice Biery Miller, B. S. | - | - | - | Dixon |
| W. Henry Blancke, A. B. D. D., minister | | | | Davenport, Ia |
| Fannie M. Dryden, A. M., Religious in Convent of | | | | |
| Sacred Heart | - | - | | New York City |
| Noah Fritz, A. B., manufacturer | | - | | Onida, S. D |
| *Edwin S. Hoffman, A. B. | - | | - | |
| *Mamie Hooker Daoust, A. B. | - | | - | |
| D. Alban Kistler, B. S., publisher, World Building | | | | |
| - | - | - | - | New York City |
| Adam Schaefer, A. B. Ph. D., minister | | | | Rossville |
| Henry A. Spielman, A. B., merchant | | | | Fairfield, Ia |
| Jessie Williams Hart, A. M. | - | | | Nora Springs, Ia |
| Lillie Zimmerman Schaefer, A. B. | | - | | Rossville |

1884

| | | | | |
|--|---|---|---|--------------|
| Roberta Brewer Risse, B. S. | - | - | | Carthage |
| Julia Ferris Hubbs, B. S. | - | | - | Lebanon Ore |
| E. Lee Fleck, A. B., minister, 910 S. 20th St. | | | | |
| - | - | - | - | Lincoln, Neb |
| Mattie Gray, B. S. | - | | - | Elderville |
| Olive Hosford Fleck, A. B., 910 S. 20th St., | | | | Lincoln, Neb |
| Lura V. Thompson, A. M., national organizer | | | | |
| C. W. B. M. | - | - | - | Carthage |

1885

| | | | | |
|---|---|---|---|---------------------|
| Clara Browning Johnson, A. B. | - | | | Keokuk, Ia |
| Minerva Holland, A. B. | - | - | - | Carthage |
| *W. J. Martin, A. B. | - | - | - | |
| A. L. Miller, B. S., physician | - | | - | Dixon |
| George A. Rohrbaugh, A. B., teacher in Business | | | | |
| - | - | - | - | College, Omaha, Neb |
| Ralph E. Scofield, A. B., attorney at law | | | | Kansas City, Mo |
| J. E. Williams, A. M., county superintendent of | | | | |
| schools | - | - | - | Carthage |

1886

| | |
|---------------------------------|----------------------------|
| Edwin Ballman, A. B., minister | Oxford Junction, Iowa |
| Sarah L. Hyde Mensel, A. B. | Northampton, Massachusetts |
| C. B. Lindtved, A. B., minister | - Oshkosh, Wisconsin |
| Elizabeth Nace Holtgreve, A. B. | - Washington |

1887

| | |
|--|---------------------------------------|
| Paul B. Holtgreve, A. B., minister | - Washington |
| John N. Hyde, A. B., missionary | Lodiana, Punjab, India |
| Julia Kellogg Goldwater, A. B. | Berkeley, California |
| Abbie Kuhl Rizer, B. S. | - Tipton, Iowa |
| Laura McColm Dysinger, A. B. | Vandegrift, Pennsylvania |
| *Sallie Manier, A. B. | - - |
| Rev. E. H. Mensel, A. M., Ph. D., Professor of | |
| Germadic Language and Literatures, Smith | |
| College | - Northampton, Massachusetts |
| William H. Naffziger, A. B., minister | - |
| - - | 119 West State Street, Alliance, Ohio |
| Mary Tressler Newcomer, A. M. | - Carthage |

1888

| | |
|--|------------------|
| Hugh M. Bannon, A. M., D. D., minister | - Rockford |
| Albert F. Ernst, A. M., minister | - Macomb |
| Fred W. Hawley, A. M., minister | - Bloomington |
| Albert Miller, A. B., missionary | Paotingfu, China |
| Mary H. Whitten, A. B., physician | - Peoria |

1889

| | |
|---|--------------------------|
| W. S. Dysinger, A. B., minister | Vandegrift, Pennsylvania |
| C. B. Newcomer, A. M., real estate dealer | Carthage |
| Bess A. Tressler Maloney, A. B. | - - Polo |

1890

| | | |
|----------------------------------|---|--------------------|
| Belle Bolton Balmer, B. S. | - | Loomis, California |
| J. L. Mishler, B. S., teacher | | Esterville, Iowa |
| L. J. Motschman, A. B., minister | - | |
| 3507 N. Marshfield Ave. | - | Chicago |

1891

Cleophas C. O'Harra, B. S., Ph. D., professor of
Geology, State School of Mines, Rapid City, South Dakota

1892

| | | |
|----------------------------------|---|--------------|
| C. B. Beckmeyer, attorney at law | - | Mt. Pulaski |
| H. C. Funk, A. B., minister | - | Shelby, Ohio |
| Mrs. Lillian Monk, B. L. | - | Nevada, Iowa |
| R. W. Saer, A. B., banker | - | Carthage |

1893

Mollie Marvel O'Harra, B. S. Rapid City, South Dakota

1894

| | | |
|---|---|-------------------------|
| Will M. Beck, A. B., missionary, Muhlenberg, Libera, Africa | | |
| Nellie Cherrill Merrill, B. L. | - | Carthage |
| George C. Cromer, A. B. | - | Louisville, Kentucky |
| Maggie Delo, B. S., teacher | | Oklahoma City, Oklahoma |
| Joseph Hegener, A. B., minister, Colorado Springs, Colorado | | |
| Herbert L. Jackson, A. B., attorney at law | - | |
| - | - | Seattle, Washington |
| Penfield E. Mason, A. M., Chemical Building | - | |
| Business Service Co. | - | St. Louis, Missouri |

1895

| | | |
|---|---|---------------|
| E. K. Cherrill, A. B., Merchants' Exchange National Bank | - | New York City |
| T. Edwin Gill, B. S., 196 West 4th street, Pueblo, Colorado | | |

| | | | | |
|------------------------------------|---|---|---|---------------|
| *J. Louis Nace, A. B. | - | - | - | - |
| C. W. Ramsey, B. S., carpenter | - | | | Hannibal, Mo |
| J. Kent Rizer, A. M., minister | - | - | | Tipton, Ia |
| *Eddy Robbins, B. S. | - | - | - | |
| Anna E. Sanford, A. B., missionary | | | | Guntur, India |
| O. B. Turner, A. B., farmer | - | - | | St. Marys |

1896

| | | | | |
|--|---|---|---|----------------|
| Effie Cromer Nelson, B. S. | - | - | | Canton, S. D |
| M. Isabel Felgar Wilson, B. S. | - | | - | Niota |
| Leona May McAnulty, B. S., high school teacher | | | | Hamilton |
| John H. McCullough, A. B., minister | | | | Burlington, Ia |
| Matie H. Schlenker, B. L., teacher | - | | | Toledo, Ohio |

1897

| | | | | |
|--|---|---|---|------------------------|
| Matthew M. Anderson, B. L. | - | - | | Hamilton |
| M. Golden Davidson Williams, B. S. | | | - | Minneapolis, Minn |
| Frederick W. Jasper, B. L., bookkeeper | | | | Newton, Ia |
| Alice L. Marvel, B. S. | - | - | - | Carthage |
| Mary C. Noyes McKee, B. S. | - | - | | Orono, Me |
| Samuel B. Robbins, A. B. | - | | | Colorado Springs, Colo |

1898

| | | | | |
|---|---|---|---|----------|
| *Klaudius Knudton, A. B. | - | - | - | |
| Mabel Hope Martinis, B. S. | - | - | | Carthage |
| Charles J. Tressler, A. B., lawyer, law dept. | | | | Swift |
| & Co | - | - | - | Chicago |

1899

| | | | | |
|---|---|---|---|------------------|
| Royal B. Brandon, B. S., farmer | - | | | Fountain Green |
| Charles C. Carlton, B. S., lawyer | - | | | San Diego, Cal |
| John M. Herbst, A. B., minister, 701 Euclid Ave | | | | |
| | - | - | - | Pueblo, Col |
| Theo. J. Jensen, A. B., medical student | | | | Breklum, Germany |

| | | |
|--|---|-----------------|
| Alfred R. Kent, B. S., lawyer | - | Peabody, Kansas |
| Philena Marvel Rand, B. L. | - | Carthage |
| Frederick W. Obert, B. S., physician | | New Mendon |
| Herbert S. Salisbury, B. S., surveyor and engineer | | Ferris |
| Morgan L. Webb, B. S., minister | - | Camden, Indiana |

1900

| | | |
|---|---|-------------------------|
| Roy M. Badger, A. B., minister, 923 Elk street | - | |
| | - | Beatrice, Nebraska |
| James A. Baird, A. B., instructor in Physical Culture, Carthage College | - | Carthage |
| Maud Elder Matthis, B. L. | - | Hamilton |
| H. G. Ferris, B. S., traveling salesman | | Warsaw |
| Samuel Naylor, Jr., A. B., lawyer | - | Carthage |
| F. H. Ottman, A. B., principal Commercial Department High School | | Pittsburg, Pennsylvania |
| Emily C. Pennock, B. S., high school teacher | | Carthage |
| Tilden F. Phillips, B. S., high school teacher | | |
| | - | Duluth, Minnesota |
| Bess J. Ringheim Tressler, B. S., 7123 Normal Ave., | | Chicago |
| Ellen B. Schuff, A. M., missionary | | Guntur, India |
| Anna L. Simmons, B. S., high school principal, | | Nevada, Iowa |
| Charles E. Sparks, A. M., minister | | Canon City, Colorado |

1901

| | | |
|--|---|-----------------|
| Lucy S. Cherrill Marsh, B. S. | - | Keokuk, Iowa |
| Ida J. Helfrich, B. L., teacher in high school | | Carthage |
| Harold Lee Jones, B. S., 6009 Washington Ave. | | Chicago |
| Bertha Lane Webb, B. S. | - | Camden, Indiana |

1902

| | | |
|---|---|--------------------------------|
| Mary E. Crotzer, B. S. | - | Lena |
| Clyde Cutler, B. S. | - | 403 Jackson Boulevard, Chicago |
| George H. Fonken, A. B., secretary Y. M. C. A., | | New York City |

| | | | |
|---|---|---|-------------------------|
| Ben L. Matthis, A. B., farmer | - | - | Hamilton |
| Elizabeth T. Mayor, A. B., teacher in high school | | | |
| - | - | - | Watertown, S. D |
| Helen M. Noyes, B. S., teacher in mathematics | | | |
| - | - | - | Ferry Hall, Lake Forest |

1903

| | | | |
|---|---|---|---------------|
| John Culkin Jr., A. B., farmer | - | - | Carthage |
| Helen Ferris, A. M., high school | - | | Oklahoma City |
| A. Earl Isham, A. B., minister | - | - | Fernald, Ia |
| Ethel E. McAnulty, B. S, | - | - | Carthage |
| John H. McCallister, A. B., farmer | - | | St. Marys |
| Margaret Proctor, A. B., teacher in high school | | | Carthage |
| George E. Walter, A. B., lawyer | - | | Seattle, Wash |
| Blanche Webb Scofield, B. S., 1523 Senate St., | | | Columbia S. C |

1904

| | | | | |
|--|---|---|---|--------------------------|
| Harriet Davis Gibson, B. S. | - | - | - | Ferris |
| Clyde P. Johnson, B. S., state's attorney | | | | Carthage |
| Carrie M. McCollom Rasmussen, B. S. | | | | Burlington, Ia |
| William D. Sifferd, B. S., theological student | | | | Springfield, O |
| Anna M. Wilhelmsen, A. M., missionary | - | | | |
| - | - | - | | Fort Dauphin, Madagascar |
| O. W. Williams, B. S., surveyor | | | | Grand Falls, Texas |

1905

| | | | | |
|---------------------------------------|---|--|--|-------------|
| Frederick A. Johnson, A. B., minister | | | | Fowler, Ind |
| Marie Rosenstengel Sanford, B. S. | - | | | Urbana |

1906

| | | | | |
|---|---|---|---|-------------------|
| *Tressler Barr, B. S. | - | - | - | - |
| William R. Frerichs, A. B., minister | | | | Hillsboro, Oregon |
| Bessie Noble, A. B., teacher | - | - | | Carthage |
| Clifton J. O'Harra, B. S., LL. B., lawyer | | | | Carthage |

| | |
|--|------------------|
| Erma Rand, A. B., teacher in C. C. Academy | Carthage |
| William Webb, B. S., LL. B., lawyer | Bridgeport, Conn |
| Earl W. Wood, B. S., lawyer | - - Hamilton |

1907

| | |
|---|----------------------------|
| James D. Baird, B. S., law student | New Haven, Conn |
| Emma J. Bell, B. S., instructor in academy of | |
| - - - | Carthage College, Carthage |
| Eugenia M. Bell, B. S., principal high school | Vermont |
| Ruth Ferris, B. S. | - - - Carthage |
| Helen Griffith, B. S. | - - - Carthage |
| J. C. Helms, B. S., law student | - Ann Arbor, Mich |
| Alma Kammerer, A. B., high school teacher | Beardstown |
| Jessie Kirkpatrick Smith, A. B. | - - Carthage |
| Alice M. Listman, B. S., high school teacher | Beardstown |
| *Frank Nord, A. B. | - - - - |
| Edith O'Harra, B. S. | - - - Carthage |
| Deena Thompson, B. S., teacher | - - Carthage |

1908

| | |
|--|-------------------|
| George T. Crossland, B. S., law student | - Chicago |
| Alfred Heitman, A. B., principal high school | Waterloo |
| Carl A. Sundberg, A. B., theological student | |
| - - - | Springfield, Ohio |
| Henry T. Walker, B. S., law student | Ann Arbor, Mich |

1909

| | |
|--|-------------------|
| Paul A. Buelow, A. B., theological student | Atchinson, Kan |
| Ola Huston, A. B., graduate student | - Urbana |
| Leonard F. Martin, B. S., law student | Ann Arbor |
| Lee Siebenborn, B. S., 3348 Harrison St. | Chicago |
| Carl Walter, B. S., fruit grower | - Trinidad, Wash |
| Cora Listmann, teacher | - - - Beardstown |
| Helen R. Shrader Kent | - Kansas City, Mo |

IN MUSIC,

1905

| | | | | |
|--------------------|---|---|---|-----------------|
| Edith Gunn Seebirt | - | - | - | South Bend, Ind |
| Maud Hewitt | - | - | - | Beardstown |

1906

| | | | |
|-----------------------------|---|---|---------------|
| Edythe Burnette McCallister | - | - | Bentley |
| Etta Galloway Hooker | - | - | Olustee, Okla |

1907

| | | |
|-----------------------|---|--------------------|
| Laura Schwab, teacher | - | Oxford Junction Ia |
|-----------------------|---|--------------------|

1909

| | | | |
|-----------------------|---|---|----------------|
| Hazel Hammond Walters | - | - | Trinidad, Wash |
|-----------------------|---|---|----------------|

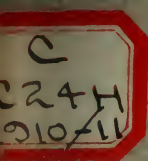
IN ORATORY.

1906

| | | | |
|--------------------------|---|---|----------|
| Jessie Kirkpatrick Smith | - | - | Carthage |
|--------------------------|---|---|----------|

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|---|---|



LIBRARY
OF THE
UNIVERSITY OF ILLINOIS.

Carthage College

1910-1911

CARTHAGE COLLEGE BULLETIN

SERIES 2.

APRIL, 1911.

NO. 11

Entered March 4, 1904, at Carthage, Illinois, as second-class matter, under
Act of Congress, July 16, 1894.

Carthage College

1910-1911

Incorporated January 10, 1870. First Commencement May 4, 1875.

CALENDAR 1911 — 1912

| JANUARY. | | | | | | | JULY. | | | | | | | JANUARY. | | | | | | |
|-----------|----|----|----|----|----|----|------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 2 | 3 | 4 | 5 | 6 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 8 | 8 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 29 | 30 | 31 | .. | .. | .. | .. | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 28 | 29 | 30 | 31 | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | 30 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| FEBRUARY. | | | | | | | AUGUST. | | | | | | | FEBRUARY. | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| .. | .. | .. | 1 | 2 | 3 | 4 | .. | .. | 1 | 2 | 3 | 4 | 5 | .. | .. | .. | .. | 1 | 2 | 3 |
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| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 26 | 27 | 28 | .. | .. | .. | .. | 27 | 28 | 29 | 30 | 31 | .. | .. | 25 | 26 | 27 | 28 | 29 | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| MARCH. | | | | | | | SEPTEMBER. | | | | | | | MARCH. | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| .. | .. | .. | 1 | 2 | 3 | 4 | .. | .. | .. | .. | 1 | 2 | 3 | .. | .. | .. | .. | 1 | 2 | 3 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 8 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 3 | 4 | 5 | 6 | 7 | 8 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 26 | 27 | 28 | 29 | 30 | 31 | .. | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. |
| APRIL. | | | | | | | OCTOBER. | | | | | | | APRIL. | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| .. | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | .. | 1 | 2 | 3 | 4 | 5 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 7 | 8 | 9 | 10 | 11 | 12 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 14 | 15 | 16 | 17 | 18 | 19 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 21 | 22 | 23 | 24 | 25 | 26 |
| 29 | 30 | .. | .. | .. | .. | .. | 29 | 30 | 31 | .. | .. | .. | .. | .. | 28 | 29 | 30 | .. | .. | .. |
| 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| MAY. | | | | | | | NOVEMBER. | | | | | | | MAY. | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| .. | 1 | 2 | 3 | 4 | 5 | 6 | .. | .. | 1 | 2 | 3 | 4 | 5 | .. | .. | .. | 1 | 2 | 3 | 4 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 6 | 6 | 7 | 8 | 9 | 10 | 11 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 28 | 29 | 30 | 31 | .. | .. | .. | 26 | 27 | 28 | 29 | 30 | .. | .. | 26 | 27 | 28 | 29 | 30 | 31 | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| JUNE. | | | | | | | DECEMBER. | | | | | | | JUNE. | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
| .. | 4 | 5 | 6 | 7 | 8 | 9 | .. | .. | .. | .. | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. | 1 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| .. | .. | .. | .. | .. | .. | .. | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. |

1910

August 31, Wednesday..... Registration Day
September 1, ThursdayFirst Semester Began
November 24 and 25..... Thanksgiving Recess
December 16, Friday.....Holiday Recess Began

1911

January 3, Tuesday.....Holiday Recess Ended
January 18, Wednesday.....First Semester Closed
January 19, ThursdaySecond Semester Began
April 14, Good FridayHoliday

| | |
|---------------------------------|-----------------------------------|
| May 21, Sunday, 11 a. m..... | Annual Sermon on Education |
| May 21, Sunday, 8 p. m..... | Baccalaureate Sermon |
| May 22, Monday, 3 p. m..... | Recital, Department of Expression |
| May 22, Monday, 8 p. m..... | Academy Commencement |
| May 23, Tuesday, 10 a. m..... | Annual Meeting Board of Trustees |
| May 23, Tuesday, Music Day..... | |
| 3 p. m., | Recital, Department of Music |
| May 23, Tuesday, 8 p. m..... | Concert |
| May 24, Wednesday, 10 a. m..... | Annual Meeting Stockholders |
| May 24, Wednesday, 10 a. m..... | |
| | Annual Meeting Alumni Association |
| May 24, Wednesday, 2 p. m..... | Athletic Field Day |
| May 24, Wednesday, 8 p. m..... | Alumni Banquet |
| May 25, Thursday, 10 a. m..... | Commencement |

September 6, Wednesday.....Registration Day
September 7, Thursday, 10 a. m.....First Semester Begins
November 30-December 1.....Thanksgiving Recess
December 15, Friday, 4:30 p. m.....Holiday Recess Begins

1912

January 2, Tuesday, 8:15 a. m.....Holiday Recess Ends
January 24, Wednesday.....First Semester Ends
January 25, Thursday.....Second Semester Begins
May 30, Thursday.....Commencement

BOARD OF TRUSTEES.

SYNOD OF NORTHERN ILLINOIS.

| | |
|--------------------------|------------|
| REV. H. M. BANNEN, D. D. | Rockford |
| REV. PAUL B. HOLTGREVE | Washington |
| MR. HENRY DENHART | Washington |
| S. W. KING, Esq. | Joliet |

SYNOD OF IOWA.

| | |
|--------------------------------|--------------------|
| REV. WILLIAM H. BLANCHE, D. D. | Davenport, Iowa |
| REV. CHARLES W. MAGGART, D. D. | Cedar Rapids, Iowa |
| MR. ANDREW HANS | Nevada, Iowa |

WARTBURG SYNOD.

| | |
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| REV. WILLIAM ROSENSTENGEL, D. D. | Carthage |
| REV. BRUNO GARTEN | Chester |

SYNOD OF CENTRAL ILLINOIS.

| | |
|-------------------|-------------|
| REV. H. L. MCGILL | Anna |
| MR. PHILIP FAGER | Murphysboro |

TRUSTEES FOR HANCOCK COUNTY.

| | |
|-------------------------|-----------------------|
| HON. APOLLOS W. O'HARRA | DR. EDWARD M. ROBBINS |
| JUDGE D. E. MACK. | |

TRUSTEE FOR THE ALUMNI ASSOCIATION.

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|-----------------------|----------|
| DR. C. L. FERRIS, '76 | Carthage |
|-----------------------|----------|

The Board was elected for two years at the annual meeting of the stockholders May 24, 1910, upon nomination of the Synods holding the stock of the College.

OFFICERS AND COMMITTEES OF THE BOARD.

OFFICERS.

| | |
|---------------------------------------|----------------|
| REV. EZRA KELLER | President |
| REV. H. M. BANNEN, D. D. | Vice-President |
| REV. WILLIAM ROSENSTENGEL, D. D. | Secretary |
| MR. S. H. FERRIS | Treasurer |
| HON. APOLLOS W. O'HARRA | Attorney |

EXECUTIVE COMMITTEE.

REVS. EZRA KELLER AND WILLIAM ROSENSTENGEL,
AND MESSRS. A. W. O'HARRA, E. M. ROBBINS, D. E. MACK,
C. L. FERRIS AND HENRY DENHART.

COMMITTEE ON BUILDINGS AND GROUNDS.

REV. WM. ROSENSTENGEL, DR. E. M. ROBBINS,
MR. W. B. MARVEL, MR. EDWARD CLARK.

FINANCE COMMITTEE.

DR. E. M. ROBBINS, MR. HENRY DENHART,
JUDGE D. E. MACK, DEAN W. K. HILL.

AUDITING COMMITTEE.

MR. O. B. TURNER, MR. REASON W. SAER,
MR. J. S. PALMER

FACULTY AND INSTRUCTORS.

REV. HARVEY DANIEL HOOVER, A. M., PH. D.,
PRESIDENT,

*David Loy Tressler Professor of Philosophy, and John
C. Martin Professor of Biblical Literature*

(A. B. 1899, Susquehanna University; D. B. 1902, Susquehanna University; A. M. 1902, Susquehanna University; Ph. D. 1907, Illinois Wesleyan University; Professor of Sociology and Theology in Susquehanna University, 1907-1909; President of Carthage College, 1909.)

REV. WILLIAM KUHNS HILL, A. M., Sc. D.,
DEAN OF THE FACULTY,

Professor of Biology and Chemistry.

(A. B. Pennsylvania College, 1879; Instructor in Mathematics Dayton (Penna.) Academy, 1880; Principal Blairsville Academy 1881-1882; A. M. Pennsylvania College, 1882; Graduated from Gettysburg Seminary, 1884; Professor Natural and Physical Science, Carthage College, 1884-1892; Superintendent City Schools Carthage, Illinois, 1893-1901; Professor Chemistry and Biology, Carthage College since 1901; Dean of the Faculty since 1905; Sc. D. Pennsylvania College, 1910.)

JUSTIN LOOMIS VAN GUNDY, A. M., PH. D.,
Professor of Greek and Latin Languages.

(A. B. Bucknell College, 1887; A. M., *ibid.*, 1890; Professor of Classical Languages Bordentown (N. J.) Military Academy, 1887-1891; Professor of Classical Languages Kee Mar College, 1891-2; Student of Classical Philology Johns Hopkins University, 1892-3; Head of Department of Ancient and Modern Languages and Vice-Principal Norristown (Pa.) High School, 1893-1902; Student of Philosophy University of Berlin, 1902-3; Ph. D. University of Jena, 1905; Professor of Classical Languages Carthage College, 1906.)

CARL O. SUNDSTROM, A. B.,

Professor of Modern Languages.

(A. B. Bethany College, 1901; Principal of Public Schools, Assaria, Kansas, 1901-1903; Principal of High School, Marquette, Kansas, 1903-1904; Principal of High School, Conway, Kansas, 1904-1905; Professor of Languages New Mexico Normal University, Las Vegas, New Mexico, 1905-1907; Professor of Modern Languages, Carthage College, 1907.

HARRY L. HORNER, A. M.,

Professor of Mathematics and Physics.

(A. B. Indiana University. 1906; A. M. 1907; Fellow in Mathematics Indiana University 1906-1907; Instructor High School, Ishpeming, Mich., 1907-1908; Professor Mathematics and Physics, Carthage College, 1908.)

REV. JACOB YUTZY, D. D.,

Professor of Biblical History, and Biblical Hebrew and Greek.

(Graduate Pennsylvania College, 1876; Graduate Gettysburg Theological Seminary, 1879; A. B. and A. M. Pen. College; D. D. Hartwick Seminary, Professor Moral Science and Church History in Divinity School of Susquehanna University, Pa., 1882-1892; Dean of Divinity School in Susquehanna University, and Professor of Dogmatics, Symbolics, Hebrew and Greek Exegesis, 1892-1903; Pastor of College Church, Selinsgrove, Pa., 1882-1894; Pastor Grace Lutheran Church, Peoria, Ill., 1904-1905; Pastor College Church, Carthage, Ill., 1905-1911.

REV. SANFORD NER CARPENTER, A. M., B. D.,

Professor of History, and the English Language and Literature.

(A. B., Susquehanna University, 1898; A. M., *ibid.*, 1901; B. D. Susquehanna Theological Seminary, 1901; Pastor at Pittsburg, Pa., 1900-1909; Professor of English and History, Carthage College, 1909.

MISS EMMA J. BELL, B. S.,

Instructor in English and History.

(B. S. Carthage College, 1907; Graduate Student in English, Chicago University 1907-1908; Principal High School Glencoe, Minn.; Principal High School Carthage, Ill., 1896-1900; Instructor in English, Carthage College Academy, since 1901, with one year's leave of absence 1907-1908.)

MISS ERMA RAND, A. B.,

Instructor in Latin and History.

(A. B. Carthage College, 1906; Teacher of English, Ogden (Iowa) High School 1906-07; Carthage Public Schools, 1907-08; Instructor in Latin Carthage College Academy, 1909.)

MISS SUSAN M. DAVIDSON,

Instructor in Voice

(Studied voice with Mr. Bicknell Young, Madam Mazzucato Young, Mr. Francis Fisher Powers, G. Edward Stubbs, Mus. Doc., Mr. Dudley Buck Jr.; has taught in Megguire Seminary, Booneville, Mo.; College of the Sisters of Bethany, Topeka, Kansas; Brownell Hall, Omaha, Neb.)

MISS MARGHERITA KOCH, A. B.,

Instructor in Piano.

(B. A. University of Iowa, 1909; Student in Music School of University of Iowa under Mary Wood Chase, Ida Felkner Coffeen, and Ralph Lawton, 1906-1909; Teacher of Piano, Pipe Organ, Harmony and History of Music, Carthage College, 1909.)

MISS S. GRACE HAUSER,

*Instructor in Expression and Physical
Culture (Women).*

(Student at York Collegiate Institute, First Penn. State Normal School '03-'04, under direction of King's School of Oratory '04-'05, B. I. Neff College of Oratory 1909, teacher grade schools '05-'06, Expression Department York, Pa., Y. W. C. A. '09-'10, private teaching Belmar, N. J. summer '10, Carthage College School of Expression 1910,

JAMES ARTHUR BAIRD, A. B.,

*Instructor in History and Physical
Culture (Men).*

(A. B. Carthage College, 1900; Student Northwestern University Law School, 1900-1903; Admitted to Bar in State of Illinois, 1904; Right Guard All-Western Football Team, 1903; Football Coach Carlton College, Northfield, Minn., 1903-1906; Football Coach Whitman College, Walla Walla, Wash., 1907; Athletic Director and Instructor in Civics and U. S. History, Carthage College, 1908; Elected County Judge of Hancock County, 1910.

ORLO D. SLATER,

Assistant in Mathematics.

WILLIAM G. HILL,

Laboratory Assistant.

COMMITTEES OF THE FACULTY

FOR THE YEAR 1910-11.

(The first named is chairman of the committee.)

SCHEDULE AND COURSES OF STUDY—Professors Hill, Sundstrom and Horner.

CREDITS—Professors Van Gundy and Horner.

RULES AND DELINQUENCIES—President Hoover and Professor Hill.

ATHLETICS—Professor Horner and Mr. Baird.

LITERARY SOCIETIES—Professors Yutzy, Carpenter and Sundstrom.

CATALOGUE—Professors Hill, Van Gundy and Carpenter.

PUBLIC EVENTS—Professors Van Gundy and Hill.

OTHER OFFICERS AND ASSISTANTS IN
ADMINISTRATION.

Professor Carl O. Sundstrom—*Secretary of the Faculty.*

Professor Harry L. Horner—*Registrar.*

Dr. Justin L. Van Gundy—*Librarian.*

Dr. William Rosenstengel—*Treasurer of the Contingent Fund.*

Mrs. Hattie L. Harris—*Matron of Denhart Hall.*

Mr. James Arthur Baird—*Director of the Gymnasium.*

Carthage College.

"A College with an Ideal," which aims to educate young men and young women to be the best possible citizens of the age. The aim of the instruction is less to train specialists than to give such knowledge as belongs to a well-rounded education. Carthage College provides the liberal training and culture which are the prerequisites of a successful university course.

We tolerate only the best of ideals, personal influence, teaching methods, and standards of character. The College spirit is inspirational and elevating. A progressive, youthful and persistent spirit pervades all college activities. The highest and best of life's goals are placed before each student; then conscientious and faithful efforts are put forth to enable each one to attain and achieve.

The College ideal is not a large student body. Carthage aims to produce truly cultured and refined, liberally educated, diligent, spirited and dauntless men and women of pure and strong character. The College is not operated for gain or selfish ends, but for the welfare of honest, hopeful and worthy young people who wish the priceless gifts of correct education.

Foundation.

Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose by the English Evangelical Lutheran Synods of Illinois and Iowa, under whose direction the first President (D. L. Tressler, Ph. D.) was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in 1880, the stock of the institution was transferred to the Synods interested, and the College is now controlled

by the Evangelical Lutheran Synods of Northern Illinois, of Central Illinois, of Southern Illinois, of Iowa, and the Wartburg Synod, by whom all the trustees are nominated. On the Board of Trustees, in addition to the representatives from these Synods, there are three from Hancock County, and one from the Alumni Association, all elected by the stockholders appointed by the Synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America, and has been assisted financially for the last sixteen years by the Board of Education in the increase of the endowment fund, and by direct contributions toward the current expenses.

Location and Buildings.

Carthage College is located at Carthage, the county seat of Hancock County, Illinois. It is a pleasant inland town of over twenty-five hundred inhabitants. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for more than thirty years, and is thus well-adapted to academic and college life. The citizens are cultured and hospitable, and deeply interested in the College and the students, to whom the homes are open constantly. Carthage is situated twelve miles east of Keokuk, Iowa, and midway between Burlington, Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington and Quincy and the Wabash systems pass through the city, and the main line of the Toledo, Peoria and Western railroad passes four miles to the north, connecting at Ferris for Carthage. New students, upon writing to the President, can receive all needed information.

The campus comprises about eighteen acres of improved and timbered grounds, situated in the northeast portion of the city, about eight blocks from the public square, and slightly elevated above the rest of the town.

The main building is a large brick structure of three stories and basement. It has been improved and beautified recently at an expense of several thousand dollars; is furnished with modern conveniences, and is in all respects both attractive and well-adapted to the work of the institution. In addition to the large, well-lighted recitation rooms and laboratories, are to be found the College Chapel, the Christian Association chapel, the library and reading-room, and the literary society halls.

Denhart Hall for young ladies is situated on the west side of the campus, and is a beautiful two-story brick cottage with basement, capable of accommodating thirty students. It is heated by steam and is furnished with lavatories and baths. The dining-hall and refectory are located in the basement, while a double parlor and music room add to its social attractiveness. Mrs. Harris, the matron, has proved herself exceptionally capable in her care of the young ladies, and in every respect Denhart Hall has been found to be a beautiful and comfortable home for them.

The gymnasium is a handsome building. It was erected in 1905-6 at a cost of twelve thousand dollars, and is now being used by classes in physical culture. The building is 43x91 feet on the outside, giving available floor space inside of 40x88 feet, and is fully equipped with apparatus of the best quality, with running track and hot and cold baths.

The laboratories of the College furnish all that is essential for successful laboratory work in the usual undergraduate courses. The Biological Laboratory is equipped with compound microscopes, dissecting microscopes, microtomes, baths, aquaria, and such other apparatus, glassware and reagents as are needed in the study of the morphology and histology of plants and animals. The laboratory has been fitted up with students' desks, drawers and lockers, and with cabinets to accommodate our various collections in Natural History, Geology and Mineralogy. The Chemical

Laboratory is furnished with individual desks and lockers to accommodate twenty-four students, and is provided with all the apparatus, glassware and reagents needed for experimental work in general chemistry. The Physical Laboratory is a large, well-lighted room, fitted with tables for individual work, water supply and all necessary apparatus, balances, barometer, etc.

The College Library contains about seven thousand volumes and several thousand pamphlets. The collection is classified according to the Dewey decimal system, and is furnished with complete card catalogues of authors and subjects. A large number of books have been added by donations and purchase within the past few years, and the collection now contains the books most essential for undergraduate work in the various departments. The following additions have been made during the current year:

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| Bound Magazines..... | 148 | Volumes |
| U. S. Government | 38 | " |
| Purchase | 53 | " |
| Book Review | 15 | " |
| State of Illinois | 14 | " |
| University of Illinois..... | 7 | " |
| Smithsonian Institution..... | 5 | " |
| Bross Lecture Foundation..... | 4 | " |
| Miscellaneous..... | 110 | " |

Total number of volumes..... 394

Grateful acknowledgment is hereby extended to all donors.

The two literary societies have good collections of books, to which standard works are being added annually. Each society has invested funds, the interest of which is used for library purposes. Cicero Society has recently placed its collection in the College Library, and thrown it open to the use

of all students. The Public Library of Carthage, containing several thousand volumes, is open to the students, while the private libraries of the members of the Faculty are also accessible for studies upon special topics.

The Reading Room has been furnished with tables, shelves, magazine case, newspaper rack, et cetera, and is open daily except Saturday from 8:15 until 12 a. m., and from 1:15 until 4:30 p. m.; on Saturday the hours are from 9 until 11 a. m. The library is open during the same hours. The reading room is equipped with the best scientific and literary magazines and many of the best religious and secular papers.

Student Organizations.

Two societies—Galileo, organized in 1870, and Cicero, organized a year later—are sustained in connection with the College. Through the medium of these, students get valuable aid in composition, delivery, debate and parliamentary practice, besides opportunities for social culture. All Collegiate and Senior Academic students are required to unite with one or the other of these societies, and to perform a prescribed amount of literary work annually. Each of the societies occupies a large, attractive hall, handsomely furnished for literary and social purposes.

The Young Men's Christian Association, which was organized in 1881, has exerted a marked influence upon the life and character of the students during the years since. Prayer meetings are held on each Tuesday evening. The Young Women's Christian Association is a flourishing organization, which holds a service every Monday evening. It receives the cordial support of all the young women of the College. Devotional Bible study and missionary classes have been conducted by both associations. Each association sends delegates every summer to the Geneva Conference of College Students. New students are urged to unite with these asso-

ciations, and will do well to avail themselves of the assistance which is offered them at the opening of each year.

The Glee Club, an organization of young men, led by the head of the vocal department, made a very successful concert tour during the spring term.

The Athletic Association is a voluntary student organization which affords the students opportunity to participate in the conduct of business touching the College athletics.

The Dramatic Club consists of a limited number of students who have qualified in the Department of Expression. The purpose of the club is to promote interest in dramatic literature and art.

The Brain and Brawn is a society composed of students who have distinguished themselves for scholarship, or have won prizes on the athletic field.

Religious Culture.

The tone of the institution has been positively religious since the beginning. It is the purpose of the institution under the newly organized Department of Biblical Instruction, to afford every student an opportunity to gain, during his course, a thorough and systematic knowledge of Biblical History and Literature; also, to give training in Christian work for those who desire it. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. Besides the English Lutheran church, whose pastor, Rev. S. N. Carpenter, is regarded as College pastor, and the German Lutheran congregation, there are represented in Carthage organizations of the Baptist, the Catholic, the Christian, the Episcopal, the Methodist Episcopal, and the Presbyterian denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly identified with its religious work.

Publications.

The literary societies of the College publish a monthly journal—THE COLLEGIAN—which is edited by a staff of editors chosen from the societies. This paper is the organ of the student body, and is helpful in stimulating literary activity among them. It also affords the Alumni, friends, and patrons of the college the best means of keeping in touch with the life and work of the institution.

The College publishes a bi-monthly Bulletin, the purpose of which is to keep friends and patrons informed of the work of the institution, and of improvement and progress in all lines of college activity. There is no charge for subscription, and all persons interested may have their names added to the mailing list by addressing a request to the President.

Scholarships.

Free tuition for one year is annually offered to that member of the Senior class of Carthage High School who shall receive the highest average grade in scholarship during the year. Miss Grace Kunkel, of Carthage, was the recipient last year.

A similar scholarship is awarded to that member of the Senior class of the Academy whose average for the year is the highest. This scholarship was awarded last year to Mr. Frank Fleming, of Denver.

The W. C. T. U. of the county annually purchases a scholarship good for one year, which is awarded by a competitive examination in physiology.

A scholarship in the Academy is annually awarded to that student in the schools of Hancock County who receives the highest average grade in the county central examination for the year.

In general, it is the policy of Carthage College to meet all

competition, and young people holding scholarships given by other institutions for excellence in scholarship, can usually receive the same privilege here. Correspondence along this line is invited.

Prizes.

Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies pursued during the year. Mr. Lynn O. Welge, of Hillsboro, received the medal at the last commencement.

Mr. Ed Hoch, of the city of Carthage, offers annually a gold medal to that member of the Greek class who excels in final competitive examination. This medal was last year awarded to Miss Ruth Schell, of Polo.

The Board of Trustees offers a gold medal to that member of the Junior class who, under the supervision of the Faculty, shall produce the best original oration at the Junior oratorical entertainment, regard being had for both thought and delivery.

Facilities for Self-Help.

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or to reduce their expenses. A portion of the janitor service in the main building and in Denhart Hall is being performed by students at present. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by management of laundry agencies among the students and in the community. During the coming year a number of young men and young women will be needed to render service in the institution, for which credit will be given them on their tuition and other expenses.

Rooms and Boarding.

All the young ladies from a distance will be expected to room and board in Denhart Hall, where comfortable and convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedsteads, springs, mattress, bureau, washstand, toilet set, chairs, table and book shelves, and are heated by steam. Connected with each room are two clothes presses. Pillows, pillowslips, sheets, spreads and blankets are supplied; hence young ladies need bring with them only towels and napkins.

As the cottage is limited to thirty students, all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. Board is furnished at \$2.50 a week; the charge for inside rooms, furnished, is 50 cents a week; for corner rooms, 75 cents a week. An additional charge of 50 cents a week will be made for students rooming alone, provided it is possible to furnish single rooms. During the year a number of rooms have been beautified at the expense of friends of the College.

Young men can find comfortable homes near the College and good board at reasonable rates—\$2.50 to \$2.75 per week; or they may secure boarding at the regular rates at the dining-room of Denhart Hall.

Government.

The government of the institution is vested in the Faculty, who administer the discipline and impose such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students, and the purpose is to retain only such students as may conduct themselves in gentlemanly or ladylike manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow students in all their relations. Should any student be

found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and the general welfare of the institution. Students who have failed to conduct themselves properly in other institutions are not wanted in Carthage College.

A proper care for the health and good name of the young ladies is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order, while only such restrictions will be imposed upon any student as may be required to maintain the authority of the Faculty or to advance the best interests of the institution.

Terms and Vacations.

The school year of the three regular departments consists of thirty-six weeks, divided into two semesters of equal length. There are two vacations—the usual holiday vacation lasting about two weeks, and the long summer vacation of about thirteen weeks after commencement. By this arrangement students can pursue their studies through the school year, and needy students can make the very best use of the long vacation for procuring means of support while at school. Students may enter any of the departments at any time, but the best results are secured by those who commence at the beginning of the year or the beginning of a semester.

Expenses.

The necessary expenses at Carthage College are quite low. The regular expenses are here given in detail:

| | |
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| College tuition, per year, in advance..... | \$40 00 |
| College tuition, per semester, in advance .. | 20 00 |
| Academy tuition, per semester..... | 15 00 |

EXPENSES

21

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| Registration fee, for the year..... | 1 00 |
| (After Registration Day, \$2) | . |
| Contingent fee, per semester..... | 1 50 |
| Library fee, per semester..... | 1 50 |
| Gymnasium fee, per semester..... | 1 50 |
| Laboratory fee, Biology, Physics or Mineralogy, per semester..... | 2 50 |
| Laboratory fee, Chemistry, per semester..... | 3 00 |
| Academy Botany, Physics or Zoology, per semester..... | 1 50 |
| Academy Chemistry, per semester..... | 2 00 |
| Room rent in Denhart Hall, per week..... | 50 to 75 |

MUSIC.

| | |
|--|---------|
| Piano, one lesson a week, per semester..... | \$18 00 |
| Piano, two lessons a week, per semester..... | 27 00 |
| Voice, one lesson a week, per semester..... | 18 00 |
| Voice, two lessons a week, per semester..... | 27 00 |
| Chorus, one lesson a week, per year..... | 3 00 |
| Use of Piano, one hour daily, per year..... | 4 50 |
| Use of Piano, three hours daily, per year..... | 11 25 |
| Harmony, one lesson a week, per year..... | 18 00 |
| Harmony, two lessons a week, per year..... | 27 00 |
| Harmony (class) one lesson a week, per year..... | 10 50 |
| Musical History (class) one lesson a week, per year..... | 4 50 |
| Pipe Organ, per lesson..... | 1 00 |
| Special Coaching, per lesson..... | 1 50 |

EXPRESSION.

| | |
|---|---------|
| One lesson a week (private), per semester..... | \$13 50 |
| Two lessons a week (private), per semester..... | 22 50 |
| Classes of three. two lessons a week, per semester..... | 7 50 |
| Single lessons (private)..... | 75 |

No reductions for lessons missed except in case of illness, and then only when lessons cannot be made up.

Legacies.

It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have been prospered in temporal things by remembering the institution with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount, while by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy—to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least \$1000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of the bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

“I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of \$..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod college in the present Carthage College territory.”

Requirements for Admission.

Candidates for admission must present satisfactory testimonials of good moral character; certificates of honorable dismissal are required of those who come from other colleges. The scholarship requirements for admission to the Freshman class are based upon four years of secondary school work, with four daily recitations. A daily recitation throughout a year constitutes a unit of credit. Four years of secondary school work, therefore, will constitute sixteen units of credit, and sixteen units are required for unconditional admission to the Freshman class. These credits are to be offered in harmony with the outline of subjects given below, with the understanding that the time assigned in every case is simply a convenient average and that the work outlined must have been completed.

Students coming from high schools and academies of recognized standing are admitted on certificate of scholarship and character without examination, as far as they have pursued the required preparatory studies. Candidates for admission without condition to the Freshman class, who are unable to offer a sufficient number of satisfactory credits, will be given the opportunity to secure such standing by means of written examinations.

Blank forms of application for admission may be secured from the President or Registrar. These should be filled out and returned before Registration Day.

Students will not be admitted to Freshman classification with an arrearage of more than two credits. Any deficiency must be made up during the Freshman and Sophomore years. Standing secured by certificate is only for the first semester, that semester being regarded as probationary. The student's subsequent rank depends upon the results of his work.

All candidates for admission must offer the following subjects :

| | | |
|-------------------------|----|-------|
| English | 3 | units |
| History..... | 1 | unit |
| Mathematics..... | 2½ | units |
| Foreign Language..... | 4 | units |
| Laboratory Science..... | 1 | unit |

And four and one-half units additional, chosen in harmony with the College course to be pursued. The following list indicates the subjects that may be offered, together with the amount of credit allowed in each:

| | |
|-------------------------|--------|
| Bible..... | 2 |
| Botany..... | ½ to 1 |
| Chemistry..... | 1 |
| English..... | 3-4 |
| German..... | 1-2 |
| Greek..... | 1-2 |
| Latin..... | 2-4 |
| History and Civics..... | 1-3 |
| Algebra..... | 1½ |
| Plane Geometry..... | 1 |
| Solid Geometry..... | ½ |
| Astronomy..... | ¼ |
| Physics..... | 1 |
| Physiography..... | ½ to 1 |
| Physiology..... | ½ |
| Zoology..... | ½ to 1 |

The courses and requirements are shown more in detail as follows :

I. ENGLISH :

(1) Not less than a three years' course in composition and rhetoric, including the study of standard texts, and sufficient practice in composition to insure a fair degree of pro-

ficiency in writing in English. The student is expected to be able to give unity and coherence to his ideas, and to construct correctly the three units of discourse,—the sentence, the paragraph, and the essay. This presupposes correctness of orthography and grammar, and knowledge of the simpler principles of punctuation.

2. The reading and study of classics recommended for uniform college requirements by the Committee of College Entrance Requirements in English. This includes :

a. The four classics for study and practice selected by the Committee.

b. Ten classics for reading, to be chosen from the six groups recommended by the Committee.

II. FOREIGN LANGUAGE :

Four units of foreign language are required. This must include at least two units of Latin. Those who expect to take Latin in the College must present two additional units, making in all four units of Latin.

LATIN :

1. Collar & Daniell's *First Latin Book*. Latin Grammar: Allen & Greenough, Harkness or Bennett.
2. *Via Latina*, Cæsar, four books of the Gallic War.
3. Cicero ; four orations against Cataline, for Roscius, for Archias.
4. Vergil, *Æneid*, Books i.-iv., with prosody.
5. Prose Composition, thirty lessons of Bennett's *Latin Prose Composition*.

GREEK :

1. White's *Beginner's Greek Book*. Goodwin's *Greek Grammar*.
2. Xenophon, *Anabasis*, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' *Greek Prose Composition*.

III. MATHEMATICS:

1. Arithmetic Complete.
2. Algebra, through Quadratics. Wells' *Essentials of Algebra*, or equivalent.
3. Geometry, Plane; Phillips & Fisher, or equivalent.
4. Geometry, Solid, Phillips & Fisher, or equivalent.

IV. HISTORY.

1. United States. Channing's *Students' History of the United States*, or equivalent. The United States History studied in the Public Schools below the ninth grade will not be accepted as meeting entrance requirements.
2. Ancient History. Botsford's *Ancient History*, or its equivalent.
3. Mediæval History. Munro's *Mediæval History*, or its equivalent.
4. English History. Cheyney's *Short History of England*, or its equivalent.

V. GERMAN:

As a test of the student's elementary preparation, he should be able to read at sight, and to translate, if called upon, a passage of easy dialogue or narrative prose, help being given upon unusual words or constructions, to put into German short English sentences taken from the language of every day life, or based on the text translated, and to answer questions on the rudiments of grammar, as defined below.

1. Pronunciation, the memorizing and use of easy colloquial sentences; the rudiments of grammar, inflection of the articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word order; abundant

exercises ; the reading of from seventy-five to one hundred pages of graduated texts.

2. The reading of from one hundred and fifty to two hundred pages of literature in the form of easy plays and stories ; translation into German of matter based upon works read ; continued drill upon rudiments of grammar.

VI. SCIENCE :

The preparation must include both text book and laboratory work ; and the candidate should submit his notebook. It is recommended that an entire year be devoted to one Science, except Physiology and Physiography, and credit will not be granted for less than one unit of Chemistry or Physics.

1. **ELEMENTARY BIOLOGY** (one unit). The requirement in Biology may be met by one-half unit in Botany and one-half unit in Zoology. It is recommended, however, that the entire unit be offered in one of these sciences. In any case, laboratory work must constitute an important part of the course.

2. **ELEMENTARY CHEMISTRY** (one unit.) The work offered in Chemistry must include recitations and laboratory work for one year. The ground covered should be essentially that of the best elementary text books on general Chemistry.

3. **PHYSIOGRAPHY** (one-half unit). The course should include supplemental work as well as the study of some good modern textbook.

4. **PHYSIOLOGY**. A study of some standard elementary textbook, supplemented by laboratory work. The Physiology studied in the Public School below the ninth grade will not be accepted as meeting entrance requirements.

5. **PHYSICS**. The requirement in Physics is sufficiently outlined in any one of several good modern textbooks of

Elementary Physics. Of these Milliken & Gale's "*A First Course in Physics*", is preferred.

Advanced Standing.

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to adjustment. Credit toward a college degree will be allowed for work done in college preparatory schools and high schools only when upon investigation such work is found to be equal in time, quality and thoroughness to the same work done in college classes.

In no case will the baccalaureate degree be granted for less than one year of resident work in Carthage College.

Courses of Instruction.

The College Department embraces the usual four years of study in the regular classes.

In order to provide for the proper correlation of subjects and for an adequate range of election and adaptation to individual needs, the courses offered are arranged in a limited number of groups. This arrangement, while practically limiting election in the Freshmen and Sophomore years to the choice of one of several groups of logically correlated subjects, allows a considerable range of free electives in the Junior and Senior years. It is not the purpose of this arrangement to secure, nor to prevent, early specialization, but to control and direct it. It is believed that too close specialization in the early years of the course defeats the only true end of college training, namely, the attainment of such broad and liberal culture as alone can lay the foundation for the highest possible success in any calling in life. It is not forgotten, however, that students may wish to specialize after they have finished their college course. To such the group system gives the opportunity of emphasizing their

chosen subjects, while to all are secured the manifest advantages of proper correlation, and a continuous study of the subjects which by common consent are recognized as fundamental in any scheme of liberal education. In short, the group system aims to combine the advantages of the rigid course system with those of the free elective systems, and while avoiding in a measure at least the dangers of each to maintain a proper balance between educational control on the one hand and individual freedom of choice, often unconsidered, on the other. Each group offers the opportunity of a well-rounded, liberal education, while preventing the waste and dissipation of energy incident to unlimited election.

Requirements for Graduation.

In all courses the requirement for graduation is 130 college credits. A college credit represents one semester hour of work—that is, one recitation per week for one semester; two hours of laboratory or seminar work counting as one hour of recitation. In adjusting the work and standing of students with entrance conditions, a four or five-hour academy course is counted as a three-hour course in college.

Classification.

The class to which a student is assigned depends on the number of credits on record in the books of the Registrar at the opening of the year. In counting credits the number of conditions outstanding against any name will be subtracted from the full number of credits.

Students lacking more than two units of preparatory work, as explained in requirements for admission, will be classed as academy students. Those meeting the entrance requirements with an arrearage of not more than two units of credit are ranked as Freshmen. The requirements for advanced standing are as follows: Sophomore, a minimum

of 28 college credits; full standing, 36 credits; Junior, a minimum of 60; full standing, 68 credits; Senior, a minimum of 94; full standing, 102; graduation, a minimum of 130 credits.

Choice of Courses.

All students entering the College have the privilege of choosing, in consultation with the President, their group of subjects. A group once fully entered upon must be pursued to the end of the Freshman year, unless a change be granted by special action of the Faculty. If at the end of the first year a new selection is desired, this will be permitted so far as the prerequisite requirements in other groups have been met.

No student is permitted to acquire more than eighteen college credits per semester except by a special action of the Faculty, and no application from a Freshman for more than eighteen hours for his first semester will be considered, except that a Freshman may be allowed by the Faculty to take additional work in order to remove entrance conditions. The maximum number of credits that may by Faculty action be granted to any student in any year is as follows:

Freshmen 36, Sophomores 40, Juniors 44.

Special Students.

Students who do not desire to pursue a regular course of study may pursue a select course, if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all rules and regulations of the College, and are expected to take sufficient work to occupy their time.

The following representative groups are offered. Other combinations will be made to accommodate students who are

preparing for subsequent work in medicine or engineering. The degree of Bachelor of Arts is conferred on students who have completed the requirements in Group A; the degree of Bachelor of Science on those who have completed Group S or Group G, and those who complete Group L will be granted the degree of Bachelor of Literature:

REPRESENTATIVE GROUPS.

GROUP A.

| | |
|------------------------|----|
| Ancient Language..... | 32 |
| English..... | 22 |
| Philosophy..... | 18 |
| History..... | 14 |
| Science..... | 12 |
| Mathematics..... | 8 |
| Sacred Literature..... | 6 |
| Political Economy..... | 6 |
| Free Electives..... | 12 |

GROUP S.

| | |
|------------------------|----|
| Foreign Language..... | 24 |
| English..... | 16 |
| History..... | 14 |
| Mathematics..... | 16 |
| Science..... | 28 |
| Philosophy..... | 18 |
| Political Economy..... | 6 |
| Sacred Literature..... | 6 |
| Free Electives..... | 4 |

GROUP G

| | |
|------------------------|----|
| Foreign Language..... | 20 |
| English..... | 15 |
| History..... | 10 |
| Mathematics..... | 16 |
| Science..... | 34 |
| Philosophy..... | 18 |
| Sacred Literature..... | 6 |
| Political Economy..... | 6 |
| Free Electives..... | 4 |

GROUP L

| | |
|------------------------|----|
| Foreign Language..... | 38 |
| English..... | 22 |
| History..... | 14 |
| Science..... | 12 |
| Philosophy..... | 18 |
| Mathematics..... | 8 |
| Political Economy..... | 6 |
| Sacred Literature..... | 6 |
| Free Electives..... | 6 |

SYNOPSIS OF COURSES.

FRESHMAN YEAR.

| GROUP A. | | *GROUP S. | |
|-------------------------|---|------------------------|---|
| Greek I, II or Ia | 4 | Latin I, II..... | 4 |
| Latin I, II..... | 4 | English I, II..... | 3 |
| English I-II..... | 3 | Sacred History..... | 3 |
| Sacred History..... | 3 | Mathematics I, II..... | 4 |
| Mathematics I, II..... | 4 | Biology..... | 4 |

SOPHOMORE YEAR.

| | | | |
|-------------------------|---|--------------------------|---|
| Greek III-V | 3 | Latin III-IV..... | 3 |
| Latin III-IV..... | 3 | English III-IV..... | 3 |
| English III-IV..... | 3 | History I-III..... | 2 |
| Chemistry Ia..... | 2 | Chemistry Ia, Ib..... | 4 |
| Biology Ia..... | 2 | Sacred Literature..... | 3 |
| Sacred Literature | 2 | ‡Mathematics III-IV..... | 4 |
| History I-III..... | 2 | | |

JUNIOR YEAR.

| | | | |
|----------------------------|---|----------------------------|---|
| Psychology and Logic..... | 3 | Psychology and Logic..... | 3 |
| History IV-VI | 2 | ‡History IV-VI..... | 2 |
| Latin V-VIII..... | 2 | ‡Latin V-VII..... | 2 |
| Archeology and Ethics..... | 3 | Archeology and Ethics..... | 3 |
| English V-VII..... | 3 | German I..... | 3 |
| Greek VI-VII or German I | 3 | Physics I-II..... | 4 |
| Educational Psychology ... | 2 | Educational Psychology ... | 2 |
| Sociology..... | 1 | Sociology..... | 1 |
| French I..... | 3 | English..... | 3 |

*In Group S, Greek may be substituted in place of Latin, provided the student has had preparatory Latin.

‡Substitution may be made by consent of Faculty.

SENIOR YEAR.

GROUP A.

| | |
|---------------------------------|---|
| Evidences and Pedagogy..... | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| <i>Philosophy</i> | 3 |
| <i>Education</i> | 3 |
| <i>Biology</i> II..... | 3 |
| <i>Physics</i> | 4 |
| <i>German</i> II..... | 3 |
| <i>Greek</i> IX-X..... | 2 |
| <i>Latin</i> VIII-X..... | 2 |
| <i>History</i> VII-VIII..... | 2 |
| <i>Hebrew or French</i> II..... | 3 |

GROUP S.

| | |
|-----------------------------------|---|
| Evidences and Pedagogy..... | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| Mineralogy I | 1 |
| <i>Philosophy</i> | 3 |
| <i>Latin</i> VIII-X | 2 |
| <i>German</i> II | 3 |
| <i>Organic Chemistry</i> | 3 |
| <i>Analytical Chemistry</i> | 3 |
| <i>History</i> VII-VIII | 2 |
| <i>Astronomy</i> | 2 |

FRESHMAN YEAR.

GROUP G.

| | |
|------------------------|---|
| English I, II..... | 3 |
| Sacred History..... | 3 |
| Mathematics I, II..... | 4 |
| Biology..... | 4 |
| German I | 3 |

GROUP L.

| | |
|-------------------------|---|
| English I, II..... | 3 |
| Sacred History..... | 3 |
| Mathematics I, II | 4 |
| German III | 3 |
| French I | 4 |

SOPHOMORE YEAR.

| | |
|--------------------------|---|
| English III-IV..... | 3 |
| History I-III..... | 2 |
| Chemistry Ia, Ib | 4 |
| Sacred Literature..... | 3 |
| Mathematics III-IV | 4 |
| German II | 3 |
| English III-IV..... | 3 |
| History I-III..... | 2 |
| Chemistry Ia..... | 2 |
| Biology Ia..... | 2 |
| Sacred Literature | 3 |
| German IV..... | 3 |
| French..... | 3 |

JUNIOR YEAR.

GROUP G.

| | |
|-------------------------------------|---|
| Psychology and Logic..... | 3 |
| Physics I-II | 4 |
| Archeology and Ethics..... | 3 |
| Chemistry II..... | 3 |
| German III or French I..... | 3 |
| <i>Educational Psychology</i> | 2 |
| <i>Sociology</i> | 2 |
| <i>History IV-VI</i> | 2 |
| <i>English</i> | 3 |

GROUP L.

| | |
|-------------------------------------|---|
| Psychology and Logic..... | 3 |
| History IV-VI | 2 |
| English V-VII..... | 3 |
| Archeology and Ethics | 3 |
| German V..... | 3 |
| French III..... | 3 |
| <i>Educational Psychology</i> | 2 |
| <i>Sociology</i> | 2 |
| <i>History IV-VI</i> | 2 |
| <i>Spanish I</i> | 3 |

SENIOR YEAR.

| | |
|--------------------------------|---|
| Evidences and Pedagogy..... | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| Mineralogy..... | 1 |
| <i>Philosophy</i> | 3 |
| <i>Education</i> | 3 |
| <i>Organic Chemistry</i> | 4 |
| German IV | 3 |
| French II..... | 2 |
| <i>History VII-VIII</i> | 2 |
| <i>Astronomy</i> | 2 |

| | |
|--------------------------------|---|
| Evidences and Pedagogy..... | 3 |
| Economics and Politics IX-X | 3 |
| English VIII-XI | 2 |
| Geology | 2 |
| <i>Philosophy</i> | 3 |
| <i>Education</i> | 3 |
| <i>Organic Chemistry</i> | 4 |
| French IV..... | 3 |
| <i>Biology</i> | 3 |
| <i>Physics I, II</i> | 5 |
| <i>History VII-VIII</i> | 2 |
| <i>Spanish II</i> | 2 |

DEPARTMENTS OF INSTRUCTION.

BIBLICAL HISTORY AND LITERATURE.

DOCTORS HOOVER AND YUTZY,

- I. HISTORY. (1) Semitic history. Text, Blaikie.
(2) Studies in the Life of Jesus. Text, Bosworth.
Required of Freshmen.
- II. LITERATURE. (1) Bible as Literature.
(2) Studies in Psalms. Text, McFadyen.
(3) Biblical Idyls. Text, Moulton.
(4) Studies in Wisdom Literature. Text, Fowler.
(5) Leaders in Israel. Text, Robinson.
- III. ARCHÆOLOGY.
(1) Sketches of Jewish Social Life. Text, Edersheim.
(2) Biblical Archæology.
(3) Studies in Old Testament characters. Text, White.
- IV. PRINCIPLES OF CHRISTIANITY.
(1) Sacred pedagogy and child study. Text, Weigle.
(2) Personal work and religious education.
(3) Studies in prophecy.
(4) Teachings and principles of Jesus. Text, Bosworth.
(5) Philosophy of Christianity. (See Philosophy.)

ETHICS.

PRESIDENT HOOVER.

- I. INTRODUCTION to and principles of Christian Ethics.
Text, Browne. Required of Juniors.
- II. SOCIAL ETHICS from the Christian standpoint. Text,
Peabody. Required of Juniors.

PHILOSOPHY.

PRESIDENT HOOVER.

I. INTRODUCTION. Problems of Philosophy are set forth in pre-recitation lectures. These are followed by a comprehensive introduction. Text, Jerusalem. Elective to Seniors.

II. HISTORY. History of Ancient Philosophy. History of Mediæval and Modern Philosophy are carefully studied by use of text (Cushman), Source Book (Bakewell) and lectures. Elective to Seniors.

III. PROBLEMS OF HUMAN LIFE. Text, Eukem. Elective to Seniors.

IV. STUDIES IN HUMANITY. Seminar and lectures. Elective to Seniors.

V. PHILOSOPHY OF CHRISTIANITY. An apologetic study of the truths of Christianity and Theism. Text, Bowne, Speer, Bruce, etc.

PSYCHOLOGY.

PRESIDENT HOOVER.

I. INTRODUCTION AND PRINCIPLES. This course offers a thorough study of the fundamentals of mental phenomena, and prepares for a study of advanced and graduate branches of psychology. Text book: Murray, References; James, Baldwin. Required of all Juniors.

II. SOCIAL. An interesting study of social planes and currents. Text, Ross. Reference, McDougall. Required of Juniors.

III. EDUCATIONAL; see Education, Requisite, I and II.

IV. ELECTIVE: Mental Development. Psychology of Beauty. Practical Psychology or Animal Psychology. Requisite I and II.

LOGIC.

PRESIDENT HOOVER.

A Study of the outlines of logic. An introduction to deductive and inductive methods. Required of Juniors. Text, Bode. References, Hibben, Taylor, Jones.

EDUCATION.

PRESIDENT HOOVER.

I. PSYCHOLOGICAL :

1. Psychological Principles of Education. Text, Horne.
2. Psychological Problems of Education. The problems of the Teacher, the Pupil and the Process, receive attention. Lectures.
3. Study of Adolescence. Text, Hall's *Adolescence*. Elective to Seniors.

II. GENERAL COURSE :

1. History of Education. Text, Monroe. References, many of the leading authors.
2. History of Education in the United States. Lectures.
3. Principles of Education. Lectures. Wide reading required. Horne's *Principles and Idealism*, De Garmo's *Interest and Education*, Compayne's *Lectures*, and such authors as Ruediger, Froebel, and Herbert.
4. School and Class Management. Theory and practice of principal and teachers, and teacher and child, administration and hygiene, receive attention. Text: Arnold. Reference, Bagley, Dutton and Tompkins. Elective to Seniors.

HISTORY AND THE SOCIAL SCIENCES.

PROFESSOR CARPENTER.

The Department includes History, Politics, Economy and Sociology.

COURSES.

I. HISTORY OF WESTERN EUROPE, from the beginning of the Middle Ages, 476 A. D. to 1453. Rapid review; three hours first semester. Required of Sophomores in all courses.

II. PHILOSOPHY OF HISTORY. Text, Adams' *Civilization During the Middle Ages*. Three hours second semester. For Sophomores.

III. THE REFORMATION AND RELIGIOUS WARS. Text-book and lectures. For Sophomores following course II. Three hours.

IV. MODERN HISTORY. History of the social, industrial and constitutional development of modern Europe. Two hours first semester. For Juniors.

V. ENGLISH CONSTITUTIONAL HISTORY. Two hours, following course IV. For Juniors.

VI. THE AMERICAN CONSTITUTION. For Juniors. Two hours, following course V.

VII. THE HISTORY OF MODERN DIPLOMACY. Critical study of the careers of Metternich, Bismark, Cavour, and others, followed by a course of lectures on methods of teaching history. Two hours throughout the year. Elective for Seniors.

VIII. RECENT HISTORY. The United States and the Diplomatic problems of the day. Two hours second semester. Elective for Seniors.

IX. ECONOMICS. Textbook, Lectures and Seminar. Three hours first semester. For Seniors.

X. **POLITICAL SCIENCE.** Comparative study of the political systems of the United States and the leading European nations, with study of political parties and problems in the United States. Three hours second semester. For seniors.

XI. **SOCIOLOGY.** A study of the principles and problems of society. Textbook and seminar. Two hours second semester. Elective for Seniors.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR CARPENTER.

Study of the development and correct use of the English Language and Literature.

COURSES.

I. **ETYMOLOGY AND COMPOSITION.** A study of the history and etymology of the language, followed by study and practice of the various forms of discourse. Readings and essays. Required of Freshmen in all courses. Two hours throughout the year.

II. **HISTORY OF ENGLISH LITERATURE.** A study of the successive periods in the development of English Literature and representative authors of each period. One hour per week throughout the year. Required of freshmen in all courses.

III. **ADVANCED RHETORIC.** A thorough analysis of the principles of spoken and written discourse, followed by a study of literary criticism. Textbooks, readings and term essays. Two hours per week throughout the year. Required of Sophomores in all courses.

IV. **HISTORY OF AMERICAN LITERATURE.** Historical sketch of the development of our American literature, with detailed study of representative authors. Text, essays

and criticisms. One hour per week throughout the year. Required of Sophomores in all courses.

V. ANGLO-SAXON. A study of the grammar and syntax of Old English, followed by the reading of selections in prose and verse. Three hours per week for the first semester. Required of Juniors in courses A and L. Elective for others.

VI. MIDDLE ENGLISH. Grammar and Syntax of Middle English, followed by comparative, critical and philological study of Langland's *Piers the Plowman*, and the works of Chaucer, including *The Prologue* and selections from *The Canterbury Tales*. Three hours per week during second semester. Prerequisite: course V.

VII. SPENSER. Detailed and critical study of the life, times and works of Edmund Spenser. Three hours per week following course VI. For Juniors. Prerequisite: courses V. and VI.

VIII. SHAKESPEARE. Critical and literary study of the life, times and plays of Shakespeare, followed by rapid reading of a number of plays. Required of Seniors in all courses. Two hours first semester.

IX. THE PURITAN AGE. A careful study of the characteristics of the age which produced John Milton, with critical study of portions of *Paradise Lost*. Two hours per week for six weeks, following course VIII. For Seniors in all courses. Elective for the class instead of course X.

X. THE VICTORIAN AUTHORS. Studies in the productions of the poets and prose writers of the later period of English Literature, including Browning and Tennyson, Carlyle, Ruskin, Arnold and Newman. Two hours second semester; following course IX. For Seniors in all courses.

GREEK LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY.

Ia. ELEMENTARY COURSE. The purpose of this course is to furnish to mature students, who have never studied Greek, an opportunity to begin this subject in college. The rate of progress is rapid. At the end of the year the student should be able to read Attic Greek with facility, in order the following year to pursue courses I and II. This course is recommended to students who are looking forward to the study of theology or literature, and also to students of science, in connection with the use of Greek in scientific nomenclature. Full credit is given for this course. Five hours a week.

I. LYSIAS. The course in Lysias embraces the eight orations given in Morgan's Lysias. Twenty lessons in Greek prose. Required of Classical Freshmen first half year. Four hours a week.

II. HOMER. *Iliad*, Books I-VI. Special attention given to Greek prosody and the dialectic peculiarities of Homer. Study of the Homeric question. Required of classical Freshmen second half year. Four hours a week.

III. PLATO, *Apology* and *Crito*. Study of Socrates as a public teacher.

IV. SOPHOCLES, *Electra*.

V. EURIPIDES, *Medea*. In connection with this and the preceding courses, the class will make a study of Dramatic Literature and the Greek stage. Considerable attention will be given to the prosody of the dialogue and choral odes. Courses III, IV and V are required of classical Sophomores, four hours a week.

VI. DEMOSTHENES, *On the Crown*. Study of the public life of the Greeks.

VII. THUCYDIDES, Book VII, with studies in Greek History.

VIII. ARISTOPHANES, *Clouds*. Courses VI, VII, VIII, are elective. Open to Juniors and Seniors. Three hours a week.

IX. JUSTIN MARTYR, *Apology Major*.

X. NEW TESTAMENT. Winter Term. Courses IX and X are elective. Open to Juniors and Seniors. Two hours a week.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY

I. CICERO'S *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical Freshmen and Scientific Freshmen in Group S. Four hours a week first half year.

II. LIVY. Books I. and XI. Sight reading continued. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer). Required of Classical and Scientific Freshmen of Group S. Four hours a week second half-year.

III. HORACE. Odes. Books I and II, with the Epodes and selected Satires and Epistles. Review of Prosody and study of Horatian metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. Required of Sophomores in Groups A and S. Three hours a week.

IV. PLINY, Selected Letters; or QUINTILIAN, Institutes, Books X. and XI. Preston and Dodge's *Private Life of*

the Romans. Three hours a week. Required of Sophomores in Groups A and S.

V. JUVENAL and PERSEUS. Study of Roman life under the Cæsars.

VI. TACITUS. *Germania* and *Agricola*. Study of the colonial policy of Rome.

VII. CICERO. *Tusculan Disputations*. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Courses V and VI may be changed and other texts substituted after conference with students who purpose taking these courses. Along with courses V, VI and VII, the class will make a rapid survey of Roman Literature and an extensive study of Cicero, his Public Life and Literary Work. The library facilities are ample for special studies in classical subjects. Required of Classical Juniors and elective for Scientific students. Two hours a week.

VIII. SUTONIUS. *Lives of the Cæsars, Julius, Augustus, Tiberius*. Two hours a week.

IX. TACITUS. *Dialogus de Oratoribus*. Two hours a week.

X. LUCRETIUS, *De Natura Rerum*; or some one or more of the philosophical works of Cicero. Two hours a week.

Courses VIII, IX and X are elective, and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the method of presenting preparatory Latin, and in advanced Latin prose, with systematic study of the grammar.

GERMAN LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

In the instruction in this department, three objects are kept constantly in view :

First—To give a practical reading knowledge of German, so that students preparing for professional careers, in teaching, literature, theology, law, medicine, science, etc., may be prepared to read and understand such foreign books as may be required in their respective curricula. Sight reading forms a part of the course.

Second—To introduce the student to the best German literature, both classic and modern, and develop in him a proper conception of its value, and an appreciation of the German idiom. The author of each selection is studied. Original papers are prepared on the subject matter read. Songs and lyrics are memorized.

Third—To help the student acquire the ability to speak the language. Questions and answers in German and original reproductions of the story form a part of almost every recitation, the object being so to implant the fundamental principles of the language that when the opportunity comes to use it in daily speech the task will be simple.

The following courses are offered :

I. ELEMENTARY COURSE. Four recitations a week throughout the year. The time is devoted to the acquisition of a correct pronunciation, mastery of inflectional forms, the ability to write German script, and the principles of sentence structure in German. Short poems are memorized and German songs taught.

Textbooks: Bacon's *A New German Course* is made the principal text for the year, and with strong classes an

easy text may follow. Required of Freshmen in courses G and L who have not offered German for admission; also open to students in courses A and S.

II. INTERMEDIATE COURSE. Four recitations a week throughout the year. Students are taught to read and translate moderately difficult prose and poetry, and devote from one to two hours each week to prose composition. Throughout the course much attention is paid to practice in conversation.

Textbooks: The grammar is reviewed together with composition exercises. Krons' *Daily German Life; Willkommen in Deutschland*; Stern's *Geschichten von Rhein*; Eichendorff's *Taugenichts*; Goethe's *Herman and Dorothea*; *Karl Heinrich*, by Meyer; Schiller's *Wilhelm Tell*; Foque's *Undine*; Hillern's *Hoher als die Kirche*. Texts vary.

Required of Sophomores in courses G, and L. who have taken only course I; open to students in courses A and S who have had one year of German.

III. ADVANCED COURSE. Three recitations a week throughout the year. At the end of the course the student should be able to read, after brief inspection, any selection of German literature of the last one hundred and fifty years which is free from unusual textual difficulties, as well as to put into German a passage of simple English prose, and to answer, in German, questions relating to the lives and works of the great writers studied.

Suitable reading matter: Bernhardt, *German Composition*; Scheffel's *Der Trompeter von Saekkingen*; Freytag, *Soll und Haben*; Lessing, *Minna von Barnhelm*. During the past year Fossler's *Practical German Conversation* was studied once a week.

Required in course L; open to students in course G who have had two years of German.

IV. CLASSICAL COURSE. Three recitations a week throughout the year. Introduction to the history of German Literature. Practice in speaking in German. Short independent themes upon some assigned topics. Scientific German.

Keller's *Bilder aus der Deutschen Litteratur*, Schiller's principal works, Goethe's representative works; Sudermann's *Frau Sorge*; Hauptmann's *Die Weber*.

Required of students in course L.

V. CONVERSATION AND ADVANCED COMPOSITION. Practice in translating English or American prose, partly at sight; conversation in German on German life and institutions. Essays. The course will be planned to suit the needs of the class.

VI. INTERNATIONAL CORRESPONDENCE. Students desiring it are given an opportunity to carry on, under direction, correspondence with students in German institutions.

FRENCH LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

The two courses are designed to impart to the student the ability to read and appreciate critically modern and classical French. Practice in French conversation is also given, and Krœh's *How to Think in French* is studied in class.

I. ELEMENTARY COURSE. Four recitations a week throughout the year. At the end of the course the student should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life, and to answer questions on the rudiments of the grammar.

Textbooks: Chardenal's *Complete French Course*, Fon-

taine's *Douze Contes Nouveaux*, Super's *French Reader*, Verne's *Vingt Mille Lieues sous les Mers*, Guerber's *La Main Malheureruse*, Dumas' *Les Trois Mousquetaires*, or other texts.

Required in courses G and L; elective in courses A. and S.

II. ADVANCED COURSE. Three recitations a week throughout the year. At the end of the advanced course the student should be able to read at sight, with the help of a vocabulary, difficult French at any period not earlier than the seventeenth century, and to put into French a passage of easy English prose. Systematic practice in irregular verbs. Writing from dictation.

Suitable reading: Moliere's *Le Gentilhomme*, Victor Hugo's *Les Miserables*, Halvey's *L'Abbe Constantin*, and other suitable texts.

Composition and conversation exercises with grammar review.

Required in course L; open to all students who have had one year of French.

III. ADVANCED GRAMMAR AND COMPOSITION. History of French Literature. Reading of classics and recent authors. Conversation. Required of students in course L; elective to students in course G.

IV. ORIGINAL COMPOSITION and continued grammar study. Old French literature in original forms, such as *La Chanson de Roland* and *Aucassin et Nicolette*. Modern literature. Phonology and Morphology. Required of Seniors in Literary course.

SPANISH LANGUAGE AND LITERATURE.

PROFESSOR SUNDSTROM.

Realizing the growing importance of the Spanish language as a purely practical study, and the cultural value of its distinctly characteristic literature, the following two courses are offered:

I. ELEMENTARY COURSE. Grammar and composition, with Hill and Ford's *A Spanish Grammar* as text. A suitable introductory reader and *Cuentos Castellanos*, followed by easy texts. Required of Juniors in course L.

II. ADVANCED COURSE. Composition and conversation, with Ybarra's *Metodo Practico* as text. Reading of suitable selections from modern and mediæval Spanish literature, such as Padre Isla's *Gil Blas*, Galdos' *Marianela*, Valdes' *Jose*, Cervantes' *Don Quixote*, and others. Open to Seniors in course L.

MATHEMATICS.

PROFESSOR HORNER.

I. ALGEBRA. This course will include a study of general methods of factoring, the general quadratics, progressions, permutations, combination, binomial theorem, partial fractions, surds, determinants and elements of the theory of equations. Required of Freshmen in all courses. First semester, four hours a week.

II. TRIGONOMETRY. Plane and Spherical, Required of Freshmen in all courses. Second semester, four hours a week.

III. ANALYTIC GEOMETRY. Plane. Required of Sophomores taking groups S and G. First semester, four hours a week.

IV. CALCULUS. An elementary course in differential and integral calculus, including geometrical and physical applications. Required of Sophomores taking groups G and S.

Second semester. Four hours a week.

V. ADVANCED COURSES. Students desiring advanced courses in Mathematics may arrange to take courses in the Theory of Equations, Advanced Differential and Integral Calculus, Differential Equations, etc.

PHYSICS AND ASTRONOMY.

PROFESSOR HORNER.

I. GENERAL PHYSICS. First semester, Mechanics and Heat. Second semester, Electricity, Magnetism, Sound and Light, Lectures and recitations. Hastings and Beach's *General Physics* is the text used. Required of all Juniors in groups S, G and L. Elective in group A.

First and second semester. Four hours a week.

II. LABORATORY PRACTICE. A laboratory course to accompany Physics I. The experiments will be selected from a manual of experiments in physics by Ames and Bliss. Requirements the same as Physics I.

First and second semester. Two periods of two hours each a week.

III. DESCRIPTIVE ASTRONOMY. A study of the fundamental facts and laws of astronomy and of the methods and instruments of modern astronomical research. The treatment is non-mathematical. Open to Juniors and Seniors in groups S and G.

First and second semester. Two hours a week.

CHEMISTRY.

PROFESSOR HILL.

Ia. GENERAL INORGANIC CHEMISTRY. Descriptive and Theoretical. Experimental lectures and recitations. Two hours throughout the year. Required of all students.

Ib. GENERAL INORGANIC CHEMISTRY. Laboratory course. Accompanies course Ia, and is required of all students in the Scientific groups. Four hours.

These courses are based upon Dr. Alexander Smith's *General Chemistry for Colleges*, and Smith and Hale's *A Laboratory Outline of General Chemistry*.

II. QUALITATIVE ANALYSIS. This course includes lectures, recitations and laboratory practice in the general methods and processes of qualitative analytical chemistry. Five hours. First semester. Open to students who have completed courses Ia and Ib; required in group G.

III. QUANTITATIVE ANALYSIS. A study of the standard gravimetric and volumetric methods of analytical chemistry. Lectures, recitations and laboratory work. Five hours. Second semester. Prerequisites, courses Ia, Ib and II. Required in group G.

IV. ORGANIC CHEMISTRY. A study of the characteristics of typical and simple organic compounds, followed by a consideration of the classification and most important classes of the derivatives of carbon. Lectures and recitations; laboratory practice in organic synthesis and analysis. Three hours. Prerequisites, courses Ia and Ib.

BIOLOGY.

PROFESSOR HILL.

Ia. GENERAL BIOLOGY. A general introduction to the subject through a broad, comprehensive study of living things. Emphasis is laid on the general facts of morphology and physiology as illustrated by the thorough study of a few types, rather than upon the minutiae of classification. As far as possible in an elementary course, the problems of theoretical biology are stated and discussed. Lectures and recitations. Two hours throughout the year. Required in all groups.

Ib. GENERAL BIOLOGY. Laboratory course. Accompanies course Ia. Four hours throughout the year. Required in groups S and G.

II. ADVANCED PHYSIOLOGY AND VERTEBRATE HISTOLOGY. Three hours. Prerequisites, Biology Ia and Ib, and Chemistry Ia.

GEOLOGY.

PROFESSOR HILL.

Ia. STRUCTURAL AND DYNAMIC GEOLOGY. Textbook, Chamberlin and Salisbury's *College Geology*. Two hours. First semester. Required in all groups.

Ib. HISTORICAL GEOLOGY AND PALÆONTOLOGY. A study of the history of the earth with special reference to the development of the North American continent, and the evolution of life as revealed in the order and sequence of fossils. Two hours. Second semester. Required in all groups.

II. MINERALOGY. Descriptive and determinative Mineralogy and Petrology. Accompanies courses Ia and Ib, and required in group G.

GRADUATE COURSES.

The College gives opportunity to its own graduates and those of other institutions to do graduate work. Under the direction of the Faculty, courses will be outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give classroom instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degree upon such as complete creditably the prescribed course and submit an approved thesis.

Full work for the Master's degree comprises the satisfactory completion of three graduate courses, not more than two of which shall be in any one department. The time for the completing of the course is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Under no circumstances will a degree be conferred for less than full two years of non:resident work. Final examinations must in all cases be conducted at the College; others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, \$5.00; examination, \$10.00; diploma, \$5.00.

For further information, address the President.

THE ACADEMY.

FACULTY OF THE ACADEMY.

REV. H. D. HOOVER, A. M., PH. D.,
President of the College and Instructor in the Bible.

REV. W. K. HILL, A. M., Sc. D.,
Instructor in Chemistry and Biology.

JUSTIN L. VAN GUNDY, A. M., PH. D.,
Instructor in Greek.

CARL O. SUNDSTROM, A. B.,
Instructor in German.

HARRY L. HORNER, A. M.,
Instructor in Mathematics and Physics.

REV. JACOB YUTZY, A. M., D. D.,
Instructor in Greek and Biblical History.

EMMA J. BELL, B. S.,
Instructor in English and History.

ERMA RAND, A. B.,
Instructor in Latin.

J. ARTHUR BAIRD, A. B.,
Instructor in History.

ORLO D. SLATER,
Assistant in Mathematics.

WORK OF THE ACADEMY.

The Academy is under the immediate direction of the Faculty of the College. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for College, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place the work of the Academy is designed to furnish for young men and women who may be denied the advantage of a college course, as much training and culture as is possible in four years of secondary school work, under the most favorable conditions of atmosphere and environment.

Sixteen units of credit are required for graduation. A unit is the amount of work involved in five (or four) recitations each week for an entire year. Each student in the Academy is expected to pursue regularly not more than five subjects, one of which shall be Bible study (two hours), in all aggregating not more than twenty recitation periods per week. Deviation from this arrangement can be made only with the approval of the Faculty. Ordinarily four years will be necessary to secure the required sixteen units of credit; nevertheless, students of maturity of mind and in good health may be able to meet the requirements in less time, and will be given every opportunity to do so.

The subjects required of students preparing for subsequent work in college are indicated under college entrance requirements on page 23.

Students who desire to take a general course in the Academy without preparing for College will be permitted to

enter any classes for which their previous training fits them, provided the studies selected do not conflict on the schedule of recitations.

Students who have finished the eighth year work in the public schools of the county and schools of similar grade, will be prepared to enter the first-year class of the Academy.

Diplomas will be granted to all students who have completed any one of the regular courses of the Academy.

The graduates of our Academy are entitled to admission on certificate to any of the institutions having membership in the North Central Association of Universities and Colleges. This association is composed of all the leading universities and colleges of the north central states, including Ohio on the east and Kansas and Colorado on the south and west.

COURSES OF STUDY.

FIRST YEAR.

ENGLISH D. Grammar and Composition. English Classics.

HISTORY D. Greek History, first semester. Roman History, second semester.

MATHEMATICS D. Algebra.

LATIN D. Beginning Latin.

SCIENCE D. Physical Geography, first semester. Physiology, second semester.

BIBLE D. Life and Works of Jesus; Murray. Bible Geography, or Outline by Dr. Yutzy.

SECOND YEAR.

ENGLISH C. Practical Rhetoric and Composition. English Classics, college requirements.

MATHEMATICS C. Geometry, Plane.

HISTORY C. Mediæval History, first semester. English History, second semester.

LATIN C. Cæsar. Latin Prose.

SCIENCE C. Zoology, or Botany.

BIBLE C. Life of Paul; Leacock, Bible Biography.

THIRD YEAR,

ENGLISH B. Practical Rhetoric and Composition. English Classics, college requirements.

HISTORY B. United States History. Civics.

LATIN B. Cicero. Latin Prose.

GREEK B. Beginning Greek.

SCIENCE B. Chemistry.

GERMAN B. Beginning German. See German I. in College Courses.

BIBLE B. Men of the Old Testament; Willman. Bible Teachings.

FOURTH YEAR.

ENGLISH A. Practical Rhetoric and Composition.

MATHEMATICS A. Algebra, first semester. Geometry, Solid, or Astronomy, second semester.

SCIENCE A. Physics.

LATIN A. Vergil. Prosody and Mythology.

GREEK A. Xenophon's *Anabasis*.

GERMAN A. See German II. in College Courses.

BIBLE A. Studies in Letters of Paul. Bible Literature.

BIBLE TRAINING DEPARTMENT.

UPON THE JOHN C. MARTIN FOUNDATION.

This department was brought into existence by the generosity of Mr. John C. Martin of New York City, and aims to meet a genuine need of the young people of today.

The Bible has had a tremendous influence upon the literature, education, and civilization of mankind. One who would thoroughly understand history must have a more or less complete knowledge of the Scriptures. Bible study is receiving greater attention today than ever before. Many eminent scholars have devoted their lives to the study and teaching of its truths. In harmony with this new interest in the great source Book, and in answer to the needs of the age, Carthage College offers a strong course of instruction of instruction in Biblical History, Literature, Philosophy, Ethics, Archæology, and Pedagogy. The textbooks have been prepared by experts in this country and abroad, and are used in the best schools of the land.

For detailed information, see description under Biblical History and Literature, page 34; and also an outline of academy studies, pages 55 and 56. For complete information, address the President.

SPECIAL COURSES OF INSTRUCTION

MUSIC.

VOICE.

MISS DAVIDSON.

This department will retain all that has proved meritorious in the teaching methods of the past, and keep in touch with and utilize the best in modern methods. It is the aim of this department to develop the musical tastes and capabilities of each pupil.

The following course is open to those who are capable of acceptably doing the work. It is not necessary that the pupil should be highly gifted musically, but he should have a natural love for music, a fair degree of health, a correct ear, and freedom from any abnormal condition of the vocal organs.

No definite length of time can be specified for the completing of this course, as the voices of some will develop more rapidly than others, and as some will more readily accomplish the work than others. As a rule no one should hope to graduate from this department under twenty years of age, as a young, undeveloped voice is incapable of doing the work prescribed in the latter part of the course.

FIRST YEAR.

Breathing, tone production, voice placing. Exercises for tone development and flexibility. Sight reading, enunciation, artistic interpretation and expression. Marzo's *The Art of Vocalization*. Songs by Ries, Lassen, Greig and Franz. Easy songs by the best American and other composers.

SECOND YEAR.

Continued exercises for flexibility and tone development *The Art of Vocalization*. Songs by Rubinstein, Liszt, Mendelssohn, Schumann, Schubert, and leading composers of other schools of music. Some coloratura songs.

THIRD YEAR.

Arias from Italian operas to take the place of vocalizes. Songs by standard composers of the various schools, including Schumann, Schubert, Brahms, Von Fielitz, Hugo Wolf, Richard Strauss, Debussy and D'Indy. Selections from oratorios and German operas.

FOURTH YEAR.

Continued study of classic songs by the great composers. Further selections from oratorios and operas, including a more comprehensive study of the Wagner operas. Broader and more advanced work in interpretation and expression.

GRADUATION.

Candidates for graduation must have a general education equal at least to a high school course, must have had one year of German, French, Harmony, and History of Music, and must have completed the second grade in piano.

Candidates must also have undoubted musical taste and ability, must be able to sing at sight, be able to interpret and render songs artistically, and are required to give at least one creditable recital.

CHORAL SINGING.

Work along this line will consist of note reading and the study of choruses from the simplest four-voiced song forms to the great choruses from the oratorios and operas. The class is open to all who have sufficient musical knowledge to do the work.

PIANO DEPARTMENT.

MISS KOCH.

It is the aim of this department to give to those who come under its supervision the best musical education possible, and to awaken aspirations for the highest ideals in art and everyday life as well. To do this, pupils are advised to take as much of the theoretical work as possible in addition to the work in piano. In order to stimulate greater interest, pupils are urged to make use of every opportunity to hear good music, and to keep in touch with the happenings of the musical world. To further broaden their ability to interpret, pupils are urged to avail themselves of their opportunities and take courses in other departments as they have time for them. The following course of study is not rigidly followed, but selections are made as the need and individuality of the pupil require, as it is the aim of the department to develop well-rounded musicians, capable of expressing individual ideas in the interpretation of the compositions studied. Mere mechanical skill will therefore not suffice. Such skill is simply a means in interpretation.

ELEMENTARY.

Fundamental principles of technique and phrasing, and their application in such compositions as the following: Mrs. Crosby Adams' *First Lessons at the Piano*; Tchaikowsky's *Album for the Young*, Schumann's *Album for the Young*, Bach's *Two Part Inventions*, Heller's *Preludes and Etudes*, Reinecke's *Sonatas*.

INTERMEDIATE.

Further work in technique, and such compositions as the following: Mozart's *Sonatas*, Haydn's *Sonatas*, some of the easier Beethoven *Sonatas*, Bach's *Three Part Inventions*, MacDowell's *Woodland Sketches* and *Sea Pieces*, Schubert's

Moments Musicaux and *Impromptus*, Mendelssohn's *Songs without Words*, Chopin's *Nocturnes*, *Waltzes* and *Mazurkas*, Liszt's *Liebestraum*, etc.

ADVANCED.

Further work in technique, and such compositions as the following: Grieg's *Sonata* and *Ballade*, Brahms's *Sonata* and *Intermezzos*, Beethoven's *Sonatas*, Schumann *Sonata* and *Etudes Symphonic*, Chopin's *Etudes*, *Scherzos* and *Bal-lades*, Liszt's *Etudes* and *Concertos*, Saint Saen's *Concerto*, Rubenstein's *Concerto*, etc.

EQUIPMENT.

There are in the piano teacher's studio, which is situated in the main building, two pianos, an upright and a grand, also a clavier. A Mason & Hamlin grand piano is kept at the Trinity Lutheran Church, where all recitals are held, for recital use only. Several practice rooms are available for those who desire to practice at the college.

ENSEMBLE CLASS.

To develop the pupils in ability to read at sight and in accuracy of rhythm, ensemble work is given once a week. No extra charge is made, and the work is open to all capable of doing it. Compositions which can be arranged for two pianos, but not readily adapted for solo work, such as the Dvorak *New World Symphony*, are used.

TECHNIQUE.

Special work in technique will be given either in classes or privately. Different technical forms will be studied, followed by a study of the Chopin, Schumann and Liszt *Etudes* taken from a technical standpoint.

NORMAL TRAINING.

This work is open only to those whom the teacher considers ready for such a course. The pupil must be taking

other work in the department and be far enough advanced to understand the subject matter which will be discussed. A study of the muscles of the arm and hand, their functions and the means of developing them, will be taken up. A review of the different kinds of technique and their uses will be made, also a review of the rules and principles of phrasing, interpretation, rhythm and reading. The matter of selecting pieces suitable for different types of individuals and their needs, will be thoroughly discussed. The lectures will be practically illustrated by actually teaching in the presence of the class. Teaching work will be assigned each member, and the result criticised before the class.

RECITALS.

Frequent recitals are given by the pupils capable of taking part, so as to accustom them to playing in public and that all may become familiar with the various compositions being studied. Numerous recitals are also given by the faculty of the music department. Other opportunities for hearing good music are offered by the college organizations, such as the Boys' Glee Club, the Girls' Glee Club, Choral Society; and the Y. M. and Y. W. C. A., who furnish several musical numbers in their annual lecture course.

The requirements for completing a course, are a year's work in the history of music, two years of harmony and an amount of work in piano deemed satisfactory to the instructors, the length of time depending upon the ability and industry of the pupil.

ORGAN.

Those intending to take work in pipe organ playing, are urged to supplement it with work on the piano and in the theory of music, when possible. The fundamental principles of technique, both manual and pedal, rhythm, sight reading and phrasing are taught. Especial attention is

paid to interpretation and registration. Such works as Lemmen's *Organ School*, Mendelssohn's *Organ Sonatas*, Bach's *Fugues*, Guilmant's *Practical Organist*, Dubois' *Toccata*, are used.

HARMONY.

Two years will be required satisfactorily to complete the course in harmony. The work may be taken privately or in classes, either once or twice a week. Foote and Spaulding's *Harmony* will be used as a text. The work will include study in ear training in connection with the other requirements. Especial attention is given to original composition.

HISTORY.

The course in the history of music is intended to cover a year's work. Untersteiner's *History of Music* will be used as a text, supplemented by outside reading.

RULES AND REGULATIONS.

Instructors are not required to make up lessons lost through the absence of a pupil.

No deductions will be made for omitted lessons except in case of protracted illness.

Special vocal coaching for work outside the course will be given only to advanced pupils, and then on the condition that it does not interfere with the regular work.

Two years of ensemble work are required of graduates in the piano department.

All pupils are required to take part in pupils' recitals, which will be given from time to time during the year.

A statement of the work done by the pupil will be given if so desired.

TERMS IN MUSIC DEPARTMENT.

| | |
|--|---------|
| Piano, one lesson a week, per semester..... | \$18 00 |
| Piano, two lessons a week, per semester..... | 27 00 |
| Voice, one lesson a week, per semester..... | 18 00 |
| Voice, two lessons a week, per semester..... | 27 00 |
| Chorus, one lesson a week, per year..... | 3 00 |
| Use of piano, one hour daily, per year..... | 4 50 |
| Use of piano, three hours daily, per year..... | 11 25 |
| Harmony, one lesson a week, per year..... | 18 00 |
| Harmony, two lessons a week, per year..... | 27 00 |
| Harmony, class, one lesson a week, per year..... | 10 50 |
| Musical History, class, one lesson a week, per year, | 4 50 |
| Pipe Organ, per lesson..... | 1 00 |
| Special coaching, per lesson..... | 1 50 |

EXPRESSION.

MISS HOUSER.

It is the aim of this department to develop speakers whose style shall be simple and natural, and, when occasion requires, forceful. The great end is to develop the entire man, then teach him to think and feel while on his feet before an audience, and to express those thoughts and emotions through his own individuality. The speaker is educated, not by fashioning him after a certain model, but by quickening and developing the intellectual faculties, cultivating the imagination, then leaving him free to express his thoughts and emotions; hence the pupil is not the imitator of the teacher. After the student has had general preparation, he is required to study as many literary masterpieces, great poems, orations, etc., as the time will permit.

VOICE CULTURE. This is of the first importance, as the voice, when free and unrestricted by defects or misuse, is a true reporter of the soul. It must respond to every impulse of thought, will and passion. First, we find the true voice,

and then develop this voice, that it may, in the most natural and forcible manner convey the thought of the speaker to the audience. (Correct breathing, articulation, range of pitch, defect of speech—cause and cure, etc.)

BODILY EXPRESSION. A method of teaching gesture which results in spontaneous and subtle gestures. It acts to develop harmony, to suppress superfluous gesture, and produce a closer adjustment of form to content.

LIFE STUDY AND PERSONATION. The study and portrayal of living characters and the personation of characters famous in literature. This cultivates the perceptive faculties and encourages the timid student. It breaks up mannerisms and develops unsuspected talent in expression.

TERMS.

| | |
|--|---------|
| One lesson a week (private), per semester | \$13 50 |
| Two lessons a week (private), per semester | 22 50 |
| Classes of three, two lessons a week, per semester | 7 50 |
| Single lessons (private) | 75 |

No reduction for lessons missed except in case of illness, and then only when lessons cannot be made up.

PHYSICAL CULTURE FOR WOMEN.

MISS HOUSER.

It is our aim in this department to promote the physical well-being of each student, that the body may be made the sustaining and propelling power for the student's mental activity during the whole period of her college training, and also fitted for the performance of the duties of later life. The importance of daily exercise is emphasized, and the work undertaken of correcting physical irregularities and of promoting grace and ease in carriage. A variety of exercises is used, comprising esthetic exercises and drills for general physical development, both with and without apparatus.

PHYSICAL CULTURE FOR MEN.

MR. BAIRD.

Every man in college is required to take two hours' gymnasium work per week, or its equivalent in out-door athletics, for which one-half of a credit is given.

During the fall the men play football and have a moderate number of games scheduled with other institutions of learning, the object being to give added interest in out-door exercise by giving men something extra for which to play, besides the mere daily routine. Men gain an additional benefit by meeting others in clean, honest games.

Carthage College can boast of a better gymnasium than many institutions of five or six times its enrollment. After Thanksgiving the men go into the gymnasium, taking regular drills in Indian club, bar bell, dumb bells and free hand movements, together with work on the French horse, ladders, parallel and horizontal bars. Much interest is taken in basket ball, and teams from neighboring schools and cities are played.

After March 1, track athletics are taken up and in-door and out-door interclass meets are held; also track meets with as many other colleges as time will permit.

The College Athletic Field is well equipped with 120-yard cinder path, jumping and vaulting places, ample room for the hurling of the weights, a good bluegrass gridiron, a quarter-mile track and base-ball diamond. It is convenient to the gymnasium, and is not surpassed by any such fields in this part of the country.

Carthage College's ideal of a man is one who is intellectual, and who has a physique which is not a disgrace to his intellect.

STUDENTS.

THE COLLEGE.

SENIOR CLASS.

| | | |
|----------------------|------------|-----------------|
| Cannon, Blanche | Classical | Carthage |
| Chevillon, Blanche | Scientific | Carthage |
| Chevillon, Lenore | Scientific | Carthage |
| Davidson, Floy | Classical | Carthage |
| Davidson, Grace | Classical | Carthage |
| Getzendaner, William | Scientific | Polo |
| Hartman, Harry | Scientific | Mt. Carroll |
| Hill, Esther | Scientific | Carthage |
| Hoover, Ada | Scientific | Muscatine, Iowa |
| Lipe, Carrie | Scientific | Carthage |
| Lipe, Cora | Scientific | Carthage |
| Martin, Pearl | Scientific | Burnside |
| McCreary, Hazel | Classical | Carthage |
| Nethery, George | Scientific | Carthage |
| Nethery, James | Scientific | Carthage |
| Rand, Lucile | Classical | Carthage |
| Rosenstengel, Minnie | Scientific | Carthage |
| Slater, Orlo | Scientific | West Point |
| Walter, Luther | Scientific | Canton |

JUNIOR CLASS.

| | | |
|---------------------|------------|----------|
| Foley, James Turner | Scientific | Plymouth |
| Hill, William G. | Scientific | Carthage |
| Moore, Helen | Scientific | Carthage |
| O'Harra, Gladys J. | Scientific | Carthage |
| Poland, Earl | Classical | Elvaston |
| Taylor, Stephen | Scientific | Carthage |

SOPHOMORE CLASS.

| | | |
|-------------------|------------|---------------|
| Black, Harold W. | Scientific | West Point |
| Carlson, Esther | Classical | Cherry Valley |
| Dorow, Elizabeth | Classical | Golden |
| Dorow, Erna | Classical | Golden |
| Ferris, Adelaide | Scientific | Carthage |
| Martin, Edward | Scientific | Carthage |
| McFarland, Robert | Scientific | Carthage |
| O'Harra, Roswell | Scientific | Carthage |
| Parker, Karr | Scientific | Carthage |
| Schell, Ruth | Classical | Polo |
| Swaney, Dennis | Classical | Nokomis |
| Swaney, Luther | Classical | Nokomis |
| Walker, Hale | Scientific | Carthage |
| Welge, Lynn | Scientific | Hillsboro |

FRESHMAN CLASS.

| | | |
|-------------------|------------|--------------|
| Alford, Letha | Scientific | Clayton |
| Berry, Frieda | Classical | Carthage |
| Botts, Nellie | Scientific | Carthage |
| Clark, Mary | Classical | Carthage |
| Clark, Nellie | Classical | Polo |
| Craig, Florence | Scientific | Carthage |
| Craig, Orville | Scientific | Carthage |
| Crossland, Ralph | Scientific | Bowen |
| Geiger, Flora | Classical | Tipton, Iowa |
| Geiger, Sara | Classical | Tipton, Iowa |
| Getzendaner, Mark | Scientific | Polo |
| Hartman, Ray | Scientific | Mt. Carroll |
| Hartzell, Ruth | Scientific | Carthage |
| Huston, Helen | Scientific | Carthage |
| Kunkel, Grace | Classical | Carthage |
| Listmann, Phoebe | Classical | Beardstown |
| Snyder, Harmon | Classical | Polo |
| Webb, Jasper | Scientific | Niota |

Williams, Kathryn Classical Fort Stockton, Texas

SPECIAL STUDENT.

Loomis, Arthur - - - - Dallas

GRADUATE STUDENT.

Hightower, Clarence - - - Hillsboro

THE ACADEMY.

FOURTH YEAR.

| | | | | | |
|------------------|---|---|---|---|--------------------|
| Bannen, Hugh | - | - | - | - | Rockford |
| Gent, John | - | - | - | - | Muscatine, Iowa |
| Harper, Edna | - | - | - | - | Carthage |
| Harris, Charles | - | - | - | - | Carthage |
| Hill, Katharine | - | - | - | - | Carthage |
| Hill, Robert | - | - | - | - | Carthage |
| Hunter, Gertrude | - | - | - | - | California, Mo. |
| Lawless, Mary | - | - | - | - | Carthage |
| O'Harra, Marvel | - | - | - | - | Rapids City, S. D. |
| Schmidt, Zelia | - | - | - | - | Arenzville |
| Thompson, Inez | - | - | - | - | Carthage |
| Warwick, Geneva | - | - | - | - | Carthage |

SPECIAL STUDENT.

Bauer, Martha - - - Green, Kansas

THIRD YEAR.

| | | | | | |
|-------------------|---|---|---|---|-----------|
| Botts, Forest | - | - | - | - | Plymouth |
| Crane, Nettie | - | - | - | - | McConnell |
| Erwin, Earl | - | - | - | - | Carthage |
| Jones, William | - | - | - | - | Carthage |
| Hilbish, Harry | - | - | - | - | Dixon |
| Hendricks, Harold | - | - | - | - | Carthage |
| Johnson, Mabel | - | - | - | - | Chicago |
| Lawless, Carl | - | - | - | - | Carthage |
| O'Haver, Willie | - | - | - | - | Denver |

| | | | | |
|-----------------|---|---|---|------------|
| Schmidt, Arthur | - | - | - | Arenzville |
| Windman, George | - | - | - | Carthage |
| Wolfe, Harold | - | - | - | Carthage |

SECOND YEAR.

| | | | | |
|------------------|---|---|---|----------|
| Carlin, Carl | - | - | - | Clayton |
| Carlin, Wilbur | - | - | - | Clayton |
| Cox, Pearl | - | - | - | Carthage |
| Harris, Albert | - | - | - | Adrian |
| Harrison, Ray | - | - | - | Denver |
| Hill, Rowland | - | - | - | Carthage |
| Jenkins, Herbert | - | - | - | Carthage |
| Mortensen, Alma | - | - | - | Chicago |
| Roath, Virgie | - | - | - | Carthage |
| Ruggles, Ada | - | - | - | Carthage |
| Swain, Ethelyn | - | - | - | Carthage |
| Yetter, Bertha | - | - | - | Carthage |

FIRST YEAR.

| | | | | |
|----------------------|---|---|---|--------------------|
| Beckstrand, Garfield | - | - | - | Carthage |
| Bollin, Mark, | - | - | - | Carthage |
| Cutler, Paul | - | - | - | Carthage |
| Conrad, Harold | - | - | - | Sedgwickville, Mo. |
| Cutler, Leota | - | - | - | Carthage |
| Figge, Clyde | - | - | - | Queen City, Mo |
| Garlow, Helen | - | - | - | Carthage |
| Gibson, Frances | - | - | - | Burnside |
| Groves, Howard | - | - | - | Burnside |
| Hamrick, Harold | - | - | - | Burnside |
| Hill, Marchand | - | - | - | Carthage |
| Hoelscher, Bernard | - | - | - | Hershman |
| Ihnen, George | - | - | - | La Prairie |
| Jackson, Josephine | - | - | - | Carthage |
| Jenkins, James | - | - | - | Carthage |
| Kaster, Meddie | - | - | - | Green Top, Mo. |
| Lewis, Joseph | - | - | - | Powellton |
| McCullough, Ruth | - | - | - | Carthage |

| | | | | |
|-----------------|---|---|-----------------|----------|
| Martin, Aurelia | - | - | - | Elvaston |
| Massie, Virgil | - | - | - | Carthage |
| Miller, Bertha | - | - | Queen City, Mo. | |
| Murphy, Leander | - | - | Carthage | |
| Perry, Jacob | - | - | - | Timewell |
| Richards, Floyd | - | - | - | Plymouth |
| Roasa, Greta | - | - | - | Elvaston |
| Rucker, Rolland | - | - | - | Carthage |
| Ruger, Myrtle | - | - | - | McCall |
| Thompson, Wayne | - | - | - | Carthage |
| Yetter, Eva | - | - | - | Carthage |
| Zimmerman, Ada | - | - | - | Burnside |

MUSIC DEPARTMENT.

VOCAL.

| | | | | |
|-----------------------|---|---|-----------------|---------------|
| Bauer, Martha | - | - | - | Green, Kansas |
| Berry, Frieda | - | - | - | Carthage |
| Carlin, Alma | - | - | - | Bowen |
| Carpenter, Mrs. S. N. | - | - | - | Carthage |
| Craig, Orville | - | - | - | Carthage |
| Doud, Mrs. R. F. | - | - | - | Ferris |
| Davidson, Floy | - | - | - | Carthage |
| Davidson, Grace | - | - | - | Carthage |
| Dorow, Erna | - | - | - | Golden |
| Hartman, Harry W. | - | - | Mount Carroll | |
| Hartman, Raymond | - | - | Mount Carroll | |
| Hartzell, Ruth | - | - | - | Carthage |
| Hendricks, Harold | - | - | - | Carthage |
| Hill, Katharine | - | - | - | Carthage |
| Hoelscher, Bernard | - | - | Hershman | |
| Hunter, Gertrude | - | - | California, Mo. | |
| Jones, William E. | - | - | Carthage | |
| Listmann, Phoebe | - | - | - | Beardstown |
| Loomis, Arthur | - | - | - | Dallas |
| O'Harra, Edith | - | - | - | Carthage |

| | | | | |
|-------------------|---|---|---|----------------------|
| O'Harra, Gladys | - | - | | Carthage |
| Schmidt, Zelia | - | - | - | Arenzville |
| Snyder, Harmon | - | - | - | Polo |
| Symonds, Mary | - | - | - | Carthage |
| Welge, Lynn | - | - | - | Hillsboro |
| Williams, Kathryn | - | - | | Fort Stockton, Texas |

PIANO.

| | | | | |
|----------------------|---|---|---|-----------------|
| Bauer, Martha | - | - | | Green, Kansas |
| Botts, Forest | - | - | - | Plymouth |
| Bruce, Helen | - | - | - | Carthage |
| Carlin, Carl | - | - | - | Clayton |
| Carlin, Wilbur | - | - | - | Clayton |
| Cherrill, Elizabeth | - | - | - | Carthage |
| Chevillon, Blanche | - | - | - | Carthage |
| Chevillon, Leonore | - | - | - | Carthage |
| Davis, Neva | - | - | - | Carthage |
| Davidson, Grace | - | - | - | Carthage |
| Davidson, Mary | - | - | - | Carthage |
| Flynn, Kittie | - | - | - | Carthage |
| Greer, Nellie | - | - | - | Hamilton |
| Griffith, Ethlyn | - | - | - | Carthage |
| Harper, Edna | - | - | - | Carthage |
| Helfrich, Trevor | - | - | - | Carthage |
| Hill, Katharine | - | - | - | Carthage |
| Hill, William | - | - | - | Carthage |
| Hoch, Helen | - | - | - | Carthage |
| Hunter, Gertrude | - | - | | California, Mo. |
| Johnson, Mabel | - | - | - | Chicago |
| Lewis, W. O. | - | - | - | Carthage |
| Lipe, Carrie | - | - | - | Carthage |
| Listmann, Phoebe | - | - | | Beardstown |
| McCormick, Grace | - | - | - | Carthage |
| Mortensen, Alma | - | - | - | Chicago |
| Newcomer, Mrs. C. B. | - | - | - | Carthage |

| | | | | | |
|-----------------|---|---|---|---|----------|
| Owsley, Miriam | - | - | - | - | Carthage |
| Parker, Beryl | | - | - | - | Carthage |
| Powell, Mabel | - | - | - | - | Carthage |
| Ruger, Myrtle | | - | - | - | McCall |
| Swain, Pearl | - | - | - | - | Carthage |
| Talbot, Bernice | | - | - | - | Carthage |
| Talbot, Ruth | - | - | - | - | Carthage |
| Thompson, Inez | | - | - | - | Carthage |
| Walker, Hale | - | - | - | - | Carthage |
| Yutzy, Anna | | - | - | - | Carthage |
| Zimmerman, Ada | - | - | - | | Burnside |

ORGAN.

| | | | | | |
|----------------------|---|---|---|---|----------|
| Cherrill, Elizabeth | | - | - | - | Carthage |
| Griffith, Ethlyn | - | - | - | - | Carthage |
| Groom, Maude | | - | - | - | Basco |
| Lewis, W. D. | - | - | - | - | Carthage |
| Newcomer, Mrs. C. B. | - | - | - | - | Carthage |
| Parker, Beryl | - | - | - | - | Carthage |
| Symmonds, Mary | | - | - | - | Carthage |

HISTORY.

| | | | | | |
|---------------|---|---|---|---|----------|
| Hill, William | - | - | - | - | Carthage |
|---------------|---|---|---|---|----------|

HARMONY.

| | | | | | |
|----------------------|---|---|---|---|----------|
| Flynn, Kittie | | - | - | - | Carthage |
| Hill, William | - | - | - | - | Carthage |
| Lewis, W. D. | | - | - | - | Carthage |
| Newcomer, Mrs. C. B. | | - | - | - | Carthage |

DEPARTMENT OF EXPRESSION.

| | | | | | |
|--------------------|---|---|---|---|---------------|
| Alford, Letha | | - | - | - | Clayton |
| Bauer, Martha | - | - | - | | Green, Kansas |
| Berry, Frieda | | - | - | - | Carthage |
| Chevillon, Blanche | | - | - | - | Carthage |
| Chevillon, Leonore | | - | - | - | Carthage |

| | | | | | |
|-------------------|---|---|---|---|-----------------|
| Clark, Mary | - | - | - | - | Carthage |
| Craig, Florence | - | - | - | - | Carthage |
| Craig, Orville | - | - | - | - | Carthage |
| Dorow, Elizabeth | - | - | - | - | Golden |
| Geiger, Flora | - | - | - | - | Carthage |
| Geiger, Sarah | - | - | - | - | Carthage |
| Gent, John | - | - | - | - | Muscatine, Iowa |
| Hartman, Raymond | - | - | - | - | Mt. Carroll |
| Hartzell, Ruth | - | - | - | - | Carthage |
| Hursh, Harold | - | - | - | - | Vandalia |
| Huston, Helen | - | - | - | - | Carthage |
| Hunter, Gertrude | - | - | - | - | California, Mo. |
| Kunkel, Grace | - | - | - | - | Carthage |
| Lipe, Cora | - | - | - | - | Carthage |
| Listmann, Phoebe | - | - | - | - | Beardstown |
| Loomis, Arthur | - | - | - | - | Dallas |
| Poland, Earl | - | - | - | - | Carthage |
| Quivey, Bertha | - | - | - | - | Colusa |
| Roath, Virgie | - | - | - | - | Carthage |
| Runyon, Greta | - | - | - | - | Carthage |
| Swaney, Dennis | - | - | - | - | Nokomis |
| Swaney, Luther | - | - | - | - | Nokomis |
| Talbot, Clarence | - | - | - | - | Carthage |
| White, Myrtle | - | - | - | - | Carthage |
| Williams, Kathryn | - | - | - | - | Carthage |

SUMMARY.

THE COLLEGE:

| | | |
|-----------------------|----|----|
| GRADUATE STUDENT..... | 1 | |
| SENIORS..... | 19 | |
| JUNIORS..... | 6 | |
| SOPHOMORES..... | 13 | |
| FRESHMEN..... | 22 | |
| SPECIAL..... | 2 | 63 |

THE ACADEMY:

| | | |
|------------------|----|----|
| FOURTH YEAR..... | 12 | |
| THIRD YEAR..... | 8 | |
| SECOND YEAR..... | 20 | |
| FIRST YEAR..... | 26 | |
| SPECIAL..... | 1 | 67 |

SPECIAL DEPARTMENTS:

| | | |
|-----------------|----|----|
| MUSIC..... | 62 | |
| EXPRESSION..... | 30 | 92 |

 222

| | | |
|---------------------|----|--|
| NAMES REPEATED..... | 59 | |
|---------------------|----|--|

| | | |
|------------|-----|--|
| TOTAL..... | 163 | |
|------------|-----|--|

Alumni et Alumnae.

† OFFICERS OF THE ASSOCIATION.

| | |
|-------------------------------|-----------------------------|
| PRESIDENT | J. ARTHUR BAIRD, '00 |
| FIRST VICE-PRESIDENT | R. W. SAER, '92 |
| SECOND VICE-PRESIDENT | MABEL MARTINIS, '98 |
| THIRD VICE-PRESIDENT | MRS. W. K. HILL, '82 |
| RECORDING SECRETARY | EMILY PENNOCK, '00 |
| CORRESPONDING SECRETARY | ALICE MARVEL, '97 |
| TREASURER | S. H. FERRIS, '82 |
| EDITOR | MARY TRESSLER NEWCOMER, '87 |
| BIOGRAPHER | DR. C. L. FERRIS, '76 |
| COLLEGE TRUSTEE | DR. C. L. FERRIS, '76 |

1875

| | |
|---|--------------------------------------|
| James M. Cromer, A. M., D. D., minister | - |
| - | - |
| - | 2720 E. 36th Street, Kansas City, Mo |
| *Ida Harris King, A. M., | - - - Prescott, Iowa |
| Maggie Taylor Bowers, A. M., | - Boise City, Idaho |
| Kate Thummel Fisher, M. S., | - - - Prairieville |

1876

| | |
|--|------------------|
| *Hon. George A. Anderson, A. M., | - - - Quincy |
| *Grace Cherrill, B. S., | - - - Carthage |
| Ben L. Cress, M. S., civil engineer | - Red Cliff, Col |
| J. M. Dempster Davidson, A. M., D. D., General | |
| Missionary, Diocese of Quincy, | - Carthage |

*Deceased. Last residence given.

†The faculty and the officers of the Association desire to have the correct address of every graduate. It will be deemed a favor if the President of the college and the secretary of the Association be informed of errors and of changes in address.

| | | | |
|---|---|---|--------------------|
| Oscar M. Easterday, M. S. | - | - | Palo Alto, Cal |
| Ina Elder, A. M., real estate agent | - | - | Carthage |
| Joseph C. Elder, M. S. | - | - | Carthage |
| Charles L. Ferris, A. M., physician | - | - | Carthage |
| J. Q. A. Kimmel, M. S., LL. B., attorney at law | | | |
| - | - | - | Murphysboro |
| Sophronia Nesbit, A. M. | - | - | Hood River, Oregon |
| *Hattie Scofield Cromer, A. M. | - | - | Kansas City, Mo |
| T. J. Scofield, A. M., attorney | - | - | Chicago |
| Rose Spitler Scofield, A. M. | - | - | Carthage |
| Judge A. A. Wolfersperger, M. S., attorney at law | | | |
| - | - | - | Sterling |

1877

| | | | |
|---|---|---|----------------------|
| *George H. Albright, A. M. | - | - | - |
| *Jennie Fletcher, M. S. | - | - | Carthage |
| Mary Hawley Findley, M. S. | - | - | Wichita, Kansas |
| *Addie Logan Ray, A. M. | - | - | Chester |
| Laura A. Manier, A. M., music teacher | | | Carthage |
| Emma Sample Darrough, M. S. | - | - | Red Bluff, Cal |
| Julia Scofield McKemey, A. M. | - | - | Fairfield, Iowa |
| Rev. James E. Weir, A. M., real estate and insurance agent | - | - | Grand Junction, Colo |
| *J. J. Williams, A. M., attorney at law | - | - | Carthage |

1878

| | | | |
|--|---|---|-----------------|
| *L. P. Cravens, A. M. | - | - | Lake City, Minn |
| Maggie Cravens, A. M., teacher | - | - | Richland, Mo |
| Emma J. Cromer Ladd, A. M. | - | - | Sheldon, Iowa |
| Charles S. DeHart, A. M., banker | - | - | Carthage |
| John F. Fair, A. M., physician | - | - | Freeport |
| Junius Colton Ferris, A. M., M. E., banker | | | Carthage |
| William G. Gettle, A. M., minister | | | Table Rock, Neb |

| | |
|--|---------------|
| E. Clark Hughes, A. M., LL.D., U. S. Dist. judge | |
| - - - - | Seattle, Wash |
| J. Frank Kiefer, A. M., LL. D., physician | Sterling |
| George W. Loop, A. M., farmer - - | Huntsville |
| Charles M. McMillan, B. S., insurance agent | Carthage |
| M. G. Rohrbaugh, M. S., pres. business college, | Omaha, Neb |

1879

| | |
|--|---------------------|
| Caroline Bartlett Crane, A. M., minister | Kalamazoo, Mich |
| Alice E. Crawford Sanford, M. S. - | Palo Alto, Cal |
| *Peter Ewald, A. M., - - - | |
| W. G. W. Geiger, A. M., attorney at law | Tipton, Iowa |
| Frank H. Helsell, A. M., circuit judge | Sioux Rapids, Iowa |
| Scott M. Ladd, M. S., LL.D., judge supreme | |
| court - | Sheldon, Iowa |
| *Flora Manier Geiger, A. M. - | Tipton, Iowa |
| Nellie Nesbit Hunn, A. M. - | Des Moines, Iowa |
| Fernando Sanford, M. S., head professor of physics | |
| in Leland Stanford Jr. University | Palo Alto, Cal |
| Albert B. Shrader, A. M., minister | Kansas City, Kansas |
| H. M. Swope, A. M., attorney at law - | Quincy |
| Mary V. Thompson Harris, M. S. - | Carthage |
| Hattie L. Tillapaugh Shrader, M. S. | Kansas City, Kansas |
| William H. Weaver, M. S., physician | McDonoughville, La |

1880

| | |
|--|------------------|
| Stephen K. Bittenbender, A. M., farmer | Cal |
| Frank M. Campbell, M. S., physician | Clafin, Kansas |
| Robert L. Casburn, M. S., physician | Dexter, N. M |
| Emma DeHart Hughes, A. M., - | Seattle, Wash |
| Joseph G. Gilchrist, M. S., civil engineer | Brookfield, Mo |
| Minnie Gilchrist Wood, M. S. - | Ridgewood, N. J |
| M. Blanche Griffin McArthur, M. S. - | Hamilton |
| W. D. Henkle, A. M., printer - | Philadelphia, Pa |
| Herman Juilfs, A. M. - | White Oak, Ohio |

| | | |
|--------------------------------------|---|---------------|
| M. Inez Robbins Bickford, M. S., | - | Plymouth |
| Andrew S. Zimmerman, A. M., minister | | Newark, N. J |
| Frank H. Graves, A. B., attorney | - | Spokane, Wash |

1881

| | | |
|--|-----|---------------------|
| Will O. Carlton, B. S., editor | - | Newcastle, Wyo |
| William F. Ebright, A. M., county superintendent of schools | - - | North Platte, Neb |
| Adelia Griffin Barnett, B. S., 2540 Prospect Ave., | | |
| - - - - | | Kansas City, Mo |
| *Frank C. Harris, B. S. | - - | Los Angeles, Cal |
| Edgar F. Hurdle, B. S., farmer | | Wheatland, Wyo |
| Josiah Kuhn, B. S., minister | - | Bunker Hill, Kansas |
| Joseph H. Miller, A. M., physician | - | Surprise, Neb |
| *Clifford C. Musser, A. M. | - - | |
| Mary Overman Damrell, B. S. | - | Hastings, Neb |
| *W. P. Overman, B. S. | - | |
| John K. Reed, B. S., minister | - | Martinez, Cal |
| Walter Vanzile, B. S., farmer | - | Rowland, Ala |
| R. D. Zimbeck, A. M., physician | | Montevideo, Minn |

1882

| | | |
|--|-----|-----------------------------------|
| Oscar E. Aleshire, A. M., insurance agent, 159 LaSalle street, Room 504 National Life Bld'g | | Chicago |
| Stephen H. Ferris, A. M., banker | - | Carthage |
| A. C. T. Geiger, A. M., district judge | | Oberlin, Kansas |
| Kate Griffith Hill, A. M. | - - | Carthage |
| *Francisca Hopp Geiger, A. M. | - | Oberlin, Kansas |
| David E. Mack, A. M., attorney at law | - | Carthage |
| Florence J. Mereness Tressler, M. S. | | Shelbyville, Ind |
| George H. Schnur, A. M., minister, | - | |
| - | | 730 Marshall Ave., St. Paul, Minn |
| *William N. Weir, B. S., M. D. | - | Carthage |
| Frank Wertz, A. M., attorney at law | - | Forreston |
| Susan Williams, M. S. | - - | Carthage |

1883

| | | | |
|--|---|---|---------------------|
| Alice Biery Miller, B. S. | - | - | Dixon |
| W. Henry Blancke, A. B., D. D., minister | | | Davenport, Iowa |
| Fannie M. Dryden, A. M., Religieuse in Convent of | | | |
| Sacred Heart | - | | New York City |
| Noah Fritz, A. B., manufacturer | - | | Onida, S. D |
| *Edwin S. Hoffman, A. B. | - | | Hornellsville, N. Y |
| *Mamie Hooker Daoust, A. B. | - | | Defiance, Ohio |
| D. Alban Kistler, B. S., publisher, World Building | | | |
| - | - | - | New York City |
| Adam Schaefer, A. B., Ph. D., minister | - | | Rossville |
| Henry A. Spielman, A. B., merchant | | | Topeka, Kansas |
| Jessie Williams Hart, A. M. | - | | Nora Springs, Iowa |
| Lillie Zimmerman Schaefer, A. B. | - | - | Rossville |

1884

| | | | |
|---|---|---|--------------|
| Roberta Brewer Risse, B. S. | - | - | Carthage |
| Julia Ferris Hubbs, B. S. | - | | Lebanon, Ore |
| E. Lee Fleck, A. B., minister, 910 S. 20th street | | | |
| - | - | - | Lincoln, Neb |
| Mattie Gray, B. S. | - | - | Elderville |
| Olive Hosford Fleck, A. B., 910 S. 20th St. | | | Lincoln, Neb |
| Lura V. Thompson, A. M., state organizer | | | |
| C. W. B. M. | - | - | Carthage |

1885

| | | | |
|--|---|---|-----------------|
| Clara Browning Johnson, A. B. | - | | Keokuk, Iowa |
| Minerva Holland, A. B. | - | - | Carthage |
| *W. J. Martin, A. B. | - | - | |
| A. L. Miller, B. S., physician | - | - | Dixon |
| George A. Rolirbaugh, A. B., teacher in business college | | | |
| - | - | - | Omaha Neb |
| Ralph E. Scofield, A. B., attorney at law | | | Kansas City, Mo |
| J. E. Williams, A. M., merchant | - | | Carthage |

1886

| | |
|---------------------------------|-----------------------|
| Edwin Bollman, A. B., minister | Oxford Junction, Iowa |
| Sarah L. Hyde Mensel, A. B. | - Northampton, Mass |
| C. B. Lintwed, A. B., minister | - Oshkosh, Wis |
| Elizabeth Nace Holtgreve, A. B. | - Washington |

1887

Paul B. Holtgreve, A. B., D. D., minister Washington
 Rev. John N. Hyde, A. B., missionary, Lodiana, Punjab, India
 Julia Kellogg Goldwater, A. B., - Los Angeles, Calif
 Abbie Kuhl Riser, B. S. - - - Tipton, Iowa
 Laura McCollm Dysinger, A. B.,
 1518 Jacob St., Wheeling, W. Va
 *Sallie Manier, A. B. - - - - Carthage
 Rev. E. H. Mensel, A. M., Ph.D., Prof. of German
 Language and Literature, Smith College,
 Northampton, Mass
 William H. Naffziger, A. B., minister
 119 West State St., Alliance, Ohio
 Mary Tressler Newcomer, A. M. - - - Carthage

1888

| | | | |
|---|---|---|------------------------------------|
| Hugh M. Bannen, A. M., D. D. minister | - | - | Rockford |
| Albert F. Ernst, A. M., minister | - | - | Macomb |
| Fred W. Hawley, A. M., D. D., President | | | |
| | | | Henry Kendall College, Tulsa, Okla |
| Albert Miller, A. B., missionary | - | | Paotingfu, China |
| Harry H. Whitten, A. B., physician | - | - | Peoria |

1889

W. S. Dysinger, A. B., minister
1518 Jacob St., Wheeling, W. Va
C. B. Newcomer, A. M., real estate dealer - Carthage
Bess A. Tressler Maloney, A. B. - - - Polo

1890

Belle Bolton Balmer, B. S. - - - Loomis, Calif
 J. L. Mishler, B. S., farmer - - - Pearl City
 L. J. Motschman, A. B., minister
 - - - 3507 N. Marshfield Av., Chicago

1891

Cleophas C. O'Harra, B. S., Ph. D., Prof. of Geology
 State School of Mines, Rapid City, S. Dak

1892

C. B. Beckmeyer, attorney at law - - - Mt. Pulaski
 H. C. Funk, A. B., minister - - - Calif
 Mrs. Lillian Monk, B. L. - - - Los Angeles, Calif
 R. W. Saer, A. B., banker, - - - Carthage

1893

Mollie Marvel O'Harra, B. S., - - - Rapid City, S. Dak

1894

Will M. Beck, A. B., missionary, Muhlenberg, Liberia, Africa
 Nellie Cherrill Merrill, B. L.

602 Mumford Court, Kansas City, Mo

George C. Cromer, A. B., - - - Louisville, Ky
 Maggie Delo, B. S., head Latin dept., high school,

Oklahoma City, Okla

Joseph Hegener, A. B., minister Colorado Springs, Colo

Herbert L. Jackson, A. B., attorney at law Seattle, Wash

Penfield E. Mason, A. M., Chemical Building,

Business Service Co., St. Louis, Mo

1895

E. K. Cherrill, A. B., Merchants' Exchange

National Bank, New York City

T. Edwin Gill, B. S., 196 West Fourth St., Pueblo, Colo

| | | | | |
|-------------------------------------|---|---|---|---------------|
| *J. Louis Nace, A. B. | - | - | - | Carthage |
| C. W. Ramsey, B. S., carpenter | - | | | Hannibal, Mo |
| J. Kent Riser, A. M., minister | - | - | | Tipton, Iowa |
| *Eddy Robbins, B. S., | - | - | - | Carthage |
| Anna E. Sanford, A. B., missionary, | - | | | Guntur, India |
| O. B. Turner, A. B., farmer | - | - | - | St. Marys |

1896

| | | | | |
|-------------------------------------|---|---|---|------------------|
| Effie Cromer Nelson, B. S., | - | - | | Canton, S. Dak |
| M. Isabel Felgar Wilson, B. S., | - | - | - | Niota |
| Leona May McAnulty, B. S., | - | - | - | Carthage |
| John H. McCullough, A. B., minister | | | | Burlington, Iowa |
| Matie H. Schlenker, B. L., teacher | - | | - | Toledo, Ohio |

1897

| | | | | |
|--|---|---|---|------------------------|
| Matthew M. Anderson, B. L., | - | - | | Hamilton |
| M. Golden Davidson Williams, B. S., | | | | Minneapolis, Minn |
| Frederick W. Jasper, B. L., bookkeeper | | | | Newton, Iowa |
| Alice L. Marvel, B. S., | - | - | - | Carthage |
| Mary C. Noyes McKee, B. S., | - | - | | Orono, Maine |
| Samuel B. Robbins, A. B., | - | - | | Colorado Springs, Colo |

1898

| | | | | |
|------------------------------------|-------------|---|---|----------|
| *Claudius Knudton, A. B., | - | - | - | Chicago |
| Mabel Hope Martinis, B. S., | - | | - | Carthage |
| Chas. J. Tressler, A. B., attorney | Swift & Co. | - | | Chicago |

1899

| | | | | |
|--|-----------------|---|---|------------------|
| Royal B. Brandon, B. S., farmer | - | - | | Fountain Green |
| Charles C. Carlton, B. S., lawyer | - | | | San Diego, Calif |
| John M. Herbst, A. B., minister, | 701 Euclid Av., | | | Pueblo, Colo |
| Theo. J. Jensen, A. B., medical student, | Breklum, | | | Germany |
| Alfred R. Kent, B. S., lawyer, | - | - | | Peabody, Kan |
| Philena Marvel Rand, B. L., | - | - | - | Bowen |
| Frederick W. Obert, B. S., physician | - | | | New Minden |

Herbert S. Salisbury, B. S., surveyor and engineer Ferris
 Morgan L. Webb, B. S., minister - - Camden, Ind

1900

Roy M. Badger, A. B., minister 923 Elk St., Beatrice, Neb
 James A. Baird, A. B., Physical Director Carthage

College; County Judge; Carthage

Maud Elder Matthis, B. L., - - - Hamilton

H. G. Ferris, B. S., traveling salesman - - Warsaw

Samuel Naylor, Jr., A. B., lawyer - - Carthage

F. H. Ottman, A. B., prin. Commercial department

high school, Pittsburg, Penn

Emily C. Pennock, B. S., high school teacher Carthage

Tilden F. Phillips, B. S., high school teacher, Duluth, Minn

Bess J. Ringheim Tressler, B. S. 616 W. 71st St., Chicago

Ellen B. Schuff, A. M., missionary - Prescott, Ariz

Anna L. Simmons, B. S., high school principal, Nevada, Iowa

Charles E. Sparks, A. M., minister - Canon City, Colo

1901

Lucy S. Cherrill Marsh, B. S., 828 Franklin St., Keokuk, Iowa

Ida J. Helfrich, B. L., high school teacher, - Carthage

Harold Lee Jones, B. S., traveling salesman

6009 Washington Av., Chicago

Bertha Lane Webb, B. S., - - Camden, Ind

1902

Mary E. Crotzer, B. S., - - - - Lena

Clyde Cutler, B. S. - - 403 Jackson Bvd., Chicago

George H. Fonken, A. B., sec'y Y. M. C. A., New York City

Ben L. Matthis, farmer, B. S. - - Hamilton

Elizabeth T. Mayor, A. B., high school teacher

Watertown, S. Dak

Helen M. Noyes, B. S., teacher in mathematics

Ferry Hall, Lake Forest

John Culkin Jr., A. B., farmer - - Carthage
Helen Ferris, M. S., teacher in English, high school,
Oklahoma City, Okla
A. Earl Isham, A. B., minister, - Muscatine, Iowa
Ethel E. McAnulty Brown, B. S. 522 Nims St., Wichita, Kan
John H. McAffister, A. B., farmer - - St. Marys
Margaret Proctor, A. B., high school teacher - Carthage
Geo. E. Walter, A. B., lawyer, 1519 Fifth Av., Seattle, Wash
Blanche Webb Scofield, B. S., 1523 Senate St., Columbia, S. C

| | | | | |
|---|---|---|---|-------------|
| Harriet Davis Gibson, B. S., | - | - | - | Ferris |
| Clyde P. Johnson, B. S., state's attorney | - | | | Carthage |
| Carrie M. McCollum Rasmussen, B. S. | | | | |
| | | | 104 Gunnison Av., Burlington, Iowa | |
| William D. Sifferd, B. S., theol. student | | | Springfield, Iowa | |
| Anna M. Wilhelmsen, A. M., missionary | | | | |
| | | | Mission Protestante, Fort Dauphin, Madagascar | |
| O. W. Williams, B. S., surveyor | - | - | | Hope, N. M. |

Frederick A. Johnson, A. B., minister - Fowler, Ind
Marie Rosenstengel Sanford, B. S., 918 North St., Peoria

| | | | | |
|--|---|---|---|-----------------------------------|
| *Tressler Barr, B. S., | - | - | - | Fountain Green |
| William R. Frerichs, A. B., minister, | | | | Hillsboro, Oregon |
| Bessie Noble Guthrie, A. B., teacher | - | | - | Pontoosuc |
| Clifton J. O'Harra, B. S., LL. B., lawyer | - | | - | Carthage |
| Erma Rand, A. B., teacher in C. C. Academy | | | | Carthage |
| William Webb, B. S., LL. B., lawyer, | | | | |
| | | | | University Club, Bridgeport, Conn |
| Earl W. Wood, B. S., lawyer | - | | - | Hamilton |

1907

James D. Baird, B. S., city attorney - - Carthage
 Emma J. Bell, B. S., instructor in C. C. Academy, Carthage
 Eugenia M. Bell, B. S., - - - Mich
 Ruth Ferris, M. S., high school teacher, - - Quincy
 Helen Griffith, B. S., - - - Carthage
 J. C. Helms, B. S., law student, - Ann Arbor, Mich
 Alma Kammerer, A. B., high school teacher Beardstown
 Jessie Kirkpatrick Smith, A. B., - - Carthage
 Alice M. Listmann, B. S., high school teacher Beardstown
 *Frank Nord, A. B., - - - -
 Edith O'Harra Walker, B. S., - - - Keokuk
 Deena Thompson, B. S., high school teacher, Eldorado, Kan

1908

George T. Crossland, B. S., law student,
 5637 Drexel Av., Chicago
 Alfred Heitman, A. B., principal high school Waterloo
 Carl A. Sundberg, A. B., minister, - Ottumwa, Iowa
 Henry S. Walker, B. S., lawyer, - - Keokuk, Iowa

1909

Paul A. Buelow, A. B., theological student Atchison, Kan
 Ola Huston, A. B., high school teacher Shenandoah, Iowa
 Leonard F. Martin, B. S., law student Ann Arbor, Mich
 Lee Siebenborn, B. S. 3348 Harrison Street, Chicago
 Carl Walter, B. S., fruit grower - Trinidad, Wash

1910

Clifford Everhart, A. B., teacher - - Carthage
 Forrest L. Harnest, B. S., - - - Carthage
 Flossie Harris, A. B., teacher - - Grant City, Mo
 Clarence Hightower, A. B., - - - Lancaster
 Alma Horney, B. S., - - - Carthage

| | | | | |
|---|---|---|---|---------------|
| Lawrence Huey, B. S., | - | - | - | Plymouth |
| Edna B. Huston, A. B., high school teacher | | | | Cumberland |
| Roy Little, A. B., teacher in Syrian Protestant College | | | | Beirut, Syria |
| Lewis W. Rupp, B. S., postgraduate student | - | | | Urbana |
| Christian P. Tranberg, A. B., theological student | | | | Chicago |

GRADUATES IN MUSIC.

1905

| | | | | |
|---|---|---|---|-----------------|
| Cora Listmann, teacher | - | - | - | Beardstown |
| Helen R. Shrader Kent, 3318 Garfield Av., | | | | Kansas City, Mo |
| Edith Gunn Seebirt | - | - | - | South Bend, Ind |
| Maud Hewitt | - | - | - | Beardstown |

1906

| | | | | |
|-----------------------------|---|---|---|-------------|
| Edythe Burnette McCallister | - | - | - | Bentley |
| Etta Galloway Hooker | - | - | - | Altus, Okla |

1907

| | | | | |
|-----------------------|---|--|--|-----------------------|
| Laura Schwab, teacher | - | | | Oxford Junction, Iowa |
|-----------------------|---|--|--|-----------------------|

1909

| | | | | |
|-----------------------|---|---|--|----------------|
| Hazel Hammond Walters | - | - | | Trinidad, Wash |
|-----------------------|---|---|--|----------------|

GRADUATES IN ORATORY.

1906

| | | | | |
|--------------------------|---|---|---|----------|
| Jessie Kirkpatrick Smith | - | - | - | Carthage |
|--------------------------|---|---|---|----------|

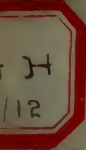
1910

| | | | | |
|------------|---|---|---|----------|
| Grace Mack | - | - | - | Carthage |
|------------|---|---|---|----------|

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1911-12
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Carthage College

1911-1912

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THE

1915

CARTHAGE COLLEGE BULLETIN

Series 2 APRIL, 1912 Number 17

Entered March 14, 1904, at Carthage, Illinois, as second-class matter,
under Act of Congress, July 16, 1894.

Carthage College
1911-1912

| 1911 | 1912 | 1913 |
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| JULY | JAN. | JULY |
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| DEC. | JUNE | DEC. |
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| 17 18 19 20 21 22 23 | 16 17 18 19 20 21 22 | 22 23 24 25 26 27 28 |
| 24 25 26 27 28 29 30 | 23 24 25 26 27 28 29 | 29 30 31 |
| 31 | 30 | |

COLLEGE CALENDAR

1911

September 6, Wednesday.....Registration Day
September 7, Thursday.....First Semester Began
November 30-Dec. 1.....Thanksgiving Recess
December 15, Friday, 4:30 p. m.....Holiday Recess Began

1912

January 2, Tuesday, 8:15 a. m.....Holiday Recess Ended
January 24, Wednesday.....First Semester Closed
January 25, Thursday.....Second semester Began
April 5, Good Friday.....Holiday

COMMENCEMENT WEEK.

May 26, Sunday, 11 a. m.....Annual Sermon on Education
May 26, Sunday, 8 p. m.....Baccalaureate Sermon
May 27, Monday, 8 p. m.....Academy Commencement
May 28, Tuesday, 10 a. m.....
.....Annual Meeting Board of Trustees
May 28, Tuesday, Music Day, 3 p. m.....
.....Recital, Department of Music
May 28, Tuesday, 8 p. m.....Concert
May 29, Wednesday, 10 a. m.....Commencement
May 29, Wednesday, 10 a. m.....Annual Meeting Stockholders
May 29, Wednesday, 10 a. m.....
.....Annual Meeting Alumni Association
May 29, Wednesday, 2 p. m.....Athletic Field Day
May 29, Wednesday, 8 p. m.....Alumni Banquet

SUMMER VACATION.

September 4, Wednesday.....Registration Day
September 5, Thursday, 10 a. m.....First Semester Begins
November 28-29.....Thanksgiving Recess
December 20, Friday, 4:30 p. m.....Holiday Recess Begins

1913

January 7, Tuesday, 8:15 a. m.....Holiday Recess Begins
January 22, Wednesday.....First Semester Ends
January 23, Thursday.....Second Semester Begins

BOARD OF TRUSTEES

SYNOD OF NORTHERN ILLINOIS.

| | |
|-----------------------------------|------------|
| REV. H. M. BANNEN, D. D..... | Rockford |
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| MR. HENRY DENHART | Washington |
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SYNOD OF IOWA.

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|------------------------------------|--------------------|
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| REV. CHARLES W. MAGGART, D. D..... | Cedar Rapids, Iowa |
| MR. ANDREW HANS..... | Nevada, Iowa |

WARTBURG SYNOD.

| | |
|-------------------------------------|----------|
| REV WILLIAM ROSENSTENGEL, D. D..... | Carthage |
| REV. BRUNO GARTEN..... | Chester |

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| | |
|-----------------------------|-----------|
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SYNOD OF SOUTHERN ILLINOIS.

| | |
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TRUSTEES FOR HANCOCK COUNTY.

| | |
|-------------------------|-----------------------|
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| JUDGE D. E. MACK | |

TRUSTEE FOR THE ALUMNI ASSOCIATION.

| | |
|----------------------------|----------|
| DR. C. L. FERRIS, '76..... | Carthage |
|----------------------------|----------|

The Board was elected for two years at the annual meeting of the stockholders May, 24, 1910, upon nomination of the Synods holding the stock of the College.

OFFICERS AND COMMITTEES OF THE BOARD

OFFICERS.

| | |
|--------------------------------------|----------------|
| REV. EZRA KELLER, D. D..... | President |
| REV. H. M. BANNEN, D. D..... | Vice President |
| REV. WILLIAM ROSENSTENGEL, D. D..... | Secretary |
| MR. S. H. FERRIS..... | Treasurer |
| HON. APOLLOS W. O'HARRA..... | Attorney |

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REVS. EZRA KELLER AND WILLIAM ROSENSTENGEL,
AND MESSRS. A. W. O'HARRA, E. M. ROBBINS, D. E. MACK,
C. L. FERRIS AND HENRY DENHART.

COMMITTEE ON BUILDINGS AND GROUNDS.

| | |
|-------------------|----------------------------|
| MR. EDWARD CLARK, | DR. E. M. ROBBINS, |
| MR. W. B. MARVEL, | REV. WILLIAM ROSENSTENGEL. |

FINANCE COMMITTEE.

| | |
|---------------------|--------------------|
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| JUDGE D. E. MACK, | DEAN W. K. HILL, |
| PRES. H. D. HOOVER. | |

AUDITING COMMITTEE.

| | |
|-------------------|---------------------|
| MR. O. B. TURNER, | MR. REASON W. SAER, |
| MR. J. S. PALMER. | |

FACULTY AND INSTRUCTORS

REV. HARVEY DANIEL HOOVER, A. M., PH. D.

PRESIDENT

*David Loy Tressler Professor of Philosophy, and John C.
Martin Professor of Biblical Literature.*

(A. B., 1899, Susquehanna University; D. B., 1902, A. M., 1902, *ibid*, Ph. D., 1907, Illinois Wesleyan University; Graduate Scofield Bible School, 1911; Professor of Sociology and Theology in Susquehanna University, 1907-09; President of Carthage College, 1909.)

REV. WILLIAM KUHNS HILL, A. M., SC. D.

DEAN OF THE FACULTY

Professor of Biology and Chemistry

(A. B., Pennsylvania College, 1879; Instructor in Mathematics, Dayton (Penna.) Academy, 1880; Principal Blairsville Academy, 1881-1882; A. M., Pennsylvania College, 1882; Graduated from Gettysburg Seminary, 1884; Professor Natural and Physical Science, Carthage College, 1884-92; Superintendent City Schools, Carthage, Illinois, 1893-1901; Professor Chemistry and Biology, Carthage College since 1901; Dean of the Faculty since 1905; Sc. D., Pennsylvania College, 1910.)

JUSTIN LOOMIS VAN GUNDY, A. M., PH. D.

Professor of Greek and Latin Languages

(A. B., Bucknell College, 1887; A. M., *ibid*., 1890; Professor of Classical Languages, Bordentown (N. J.) Military Academy, 1887-91; Professor of Classical Languages, Kee Mar College, 1891-92; Student of Classical Philology, Johns Hopkins University, 1892-93; Head of Department of Ancient and Modern Languages and Vice Principal, Norristown (Pa.) High School, 1893-1902; Student of Philosophy, University of Berlin, 1902-03; Ph. D., University of Jena, 1905; Professor of Classical Languages, Carthage College, 1906.)

HARRY L. HORNER, A. M.*

Professor of Mathematics

(A. B., Indiana University, 1906; A. M., 1907; Fellow in Mathematics, Indiana University, 1906-07; Instructor High School, Ishpeming, Mich., 1907-08; Professor Mathematics and Physics, Carthage College, 1908-11; Professor of Mathematics, 1911-12.)

REV. SANFORD NER CARPENTER, A. M., B. D.

Professor of History

(A. B., Susquehanna University, 1898; A. M., *ibid.*, 1901; B. D., Susquehanna Theological Seminary, 1901; Pastor at Pittsburg, Pa., 1900-09; Professor of English and History, Carthage College, 1909-11; Professor of History, 1911—.)

RALPH DORNFELD OWEN, A. M.

Professor of English and Public Speaking

(A. B., Northwestern College, Watertown, Wis., 1905; Assistant Principal of High School, Princeton, Wis., 1905-06; Principal of High School, Almond, Wis., 1906-07; Cobb, Wis., 1907-08; Graduate student in English, German, and Philosophy at University of Wisconsin, 1908-10; Graduate student in English at Harvard University, 1910-11; A. M., Wisconsin, 1909; A. M., Harvard, 1911.)

WALLACE SMITH MURRAY, A. B.

Professor of Modern Languages

(A. B., Wittenberg College, 1909; Instructor in German and French, Wittenberg Summer School, 1908, 1909; Student in Germany and France, attending the Alliance Francaise, Paris, summer, 1910; Instructor of German and French in Terrill School for Boys, Dallas, Texas, 1909-11.)

LESTER IRWIN ZIMMERMAN, A. B.

Professor of Physics

(A. B., Wittenberg College, 1909; Graduate student in Physics and Mathematics, University of Chicago, summer 1909; Professor of Advanced Mathematics and Science, N. E. Ohio Normal College, 1909-11; Faculty Manager and Director of Athletics, *ibid.*, 1910-11.)

*Resigned Jan. 27, 1912.

MISS EMMA J. BELL, B. S.

Instructor in English and History

(B. S., Carthage College, 1907; Graduate student in English, Chicago University, 1907-08; Principal High School, Glencoe, Minn.; Principal High School, Carthage, Ill., 1896-1900; Instructor in English in Carthage College Academy since 1901; leave of absence, 1907-08.)

MISS EMILY C. PENNOCK, B. S.

Instructor in Latin and History

(B. S., Carthage College, 1900; Graduate student in Latin and Ancient History, University of Chicago, summer 1903; Graduate student in Latin, University of Illinois, summer 1906; Teacher of Latin, Carthage High School, 1902-11; Principal, 1902-07, *ibid.*)

MISS MABEL HOPE MARTINIS, B. S.

Dean of Women, and Instructor in Bible

(B. S., Carthage College, 1898.)

MISS SUSAN M. DAVIDSON

(Studied voice with Mr. Bicknell Young, Madam Mazzucato Young, Mr. Francis Fisher Powers, G. Edward Stubbs, Mus. Doc., Mr. Dudley Buck, Jr.; has taught in Maguire Seminary, Booneville, Mo.; College of Sisters of Bethany, Topeka, Kansas; Brownell Hall, Omaha, Neb.)

MISS MARGHERITA KOCH, A. B.

Instructor in Piano

(A. B., University of Iowa, 1909; Student in Music School of University of Iowa under Mary Wood Chase, Ida Felkner Coffeen, and Ralph Lawton, 1906-09; Teacher of Piano, Pipe Organ, Harmony, and History of Music, Carthage College since 1909.)

JAMES ARTHUR BAIRD, A. B.

Instructor in Physical Culture for Men

(A. B., Carthage College, 1900; Student Northwestern University Law School, 1900-03; Admitted to Bar in State of Illinois, 1904; Right Guard, All-Western Football Team, 1903; Football Coach, Carlton College, Northfield, Minn., 1903-06; Football Coach, Whitman College, Walla Walla, Wash., 1907; Athletic Director, Carthage College since 1908; Elected County Judge of Hancock County, 1910.)

MRS. BONNIE JANET ZIMMERMAN

Instructor in Physical Culture

(Graduate student, Christiansburg, Ohio (special) Public Schools, 1907-08; Assistant Instructor, *ibid.*, 1906-09; Gymnasium and team work, Y. W. C. A., Dayton, Ohio, 1910; Elective Courses in Physical Culture, University of Chicago, summer quarter, 1910.)

MISS DEENA THOMPSON, B. S.

Instructor in Mathematics

(B. S., Carthage College, 1907; Graduate student in Mathematics, Chicago University, two quarters, 1908; Principal High School, Bowen, Ill., 1909-10; Teacher of Mathematics, Butler County High School, Eldorado, Kan., 1910-11; Appointed Carthage College, Feb. 1, 1912.)

WILLIAM GRIFFITH HILL

Assistant Instructor in Piano

MISS NELLIE DEANE GREER

Assistant Instructor in Piano

MISS ENID SYMPSON

Assistant Instructor in Voice

KARR PARKER

Laboratory Assistant

COMMITTEES OF THE FACULTY

FOR THE YEAR 1911-12

(The first named is chairman of the committee.)

SCHEDULE AND COURSES OF STUDY—Professors Horner and Murray.

CREDITS—Professors Van Gundy and Horner.

RULES AND DELINQUENCIES—President Hoover and Professor Hill.

ATHLETICS—Professors Zimmerman and Baird.

LITERARY SOCIETIES—Professors Owen and Carpenter.

CATALOGUE—Professors Hill and Owen.

PUBLIC EVENTS—Professors Carpenter and Van Gundy.

OTHER OFFICERS AND ASSISTANTS IN ADMINISTRATION

Professor S. N. Carpenter—*Secretary of the Faculty.*

Professor Harry L. Horner—*Registrar.*

Dr. Justin L. Van Gundy—*Librarian.*

Dr. William Rosenstengel—*Treasurer of the Contingent Fund.*

Miss Mabel H. Martinis—*Dean of Women.*

Miss Mollie Ruppel—*Matron of Denhart Hall.*

Mr. James Arthur Baird—*Director of the Gymnasium.*

Mr. Daniel Vollmer—*Superintendent of Buildings and Grounds.*

Miss Esther Carlson—*Office Secretary.*

Miss Nell Clark—*Assistant Librarian.*

CARTHAGE COLLEGE

"A College with an Ideal," which aims to educate young men and young women to be the best possible citizens of the age. The aim of the instruction is less to train specialists than to give such knowledge as belongs to a well-rounded education. Carthage College provides the liberal training and culture which are the prerequisites of a successful university course.

We tolerate only the best of ideals, personal influence, teaching methods, and standards of character. The College spirit is inspirational and elevating. A progressive, youthful and persistent spirit pervades all college activities. The highest and best of life's goals are placed before each student; then conscientious and faithful efforts are put forth to enable each one to attain and achieve.

The College ideal is not a large student body. Carthage aims to produce truly cultured and refined, liberally educated, diligent, spirited and dauntless men and women of pure and strong character. The College is not operated for gain or selfish ends, but for the welfare of honest, hopeful and worthy young people who wish the priceless gifts of correct education.

FOUNDATION

Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose by the English Evangelical Lutheran Synods of Illinois and Iowa, under whose direction the first President (D. L. Tressler, Ph. D.) was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in 1880, the stock of the insti-

tution was transferred to the Synods interested, and the College is now controlled by the Evangelical Lutheran Synods of Northern Illinois, of Central Illinois, of Southern Illinois, of Iowa, and the Wartburg Synod, by whom all the trustees are nominated. On the Board of Trustees, in addition to the representatives from these Synods, there are three from Hancock County, and one from the Alumni Association, all elected by the stockholders appointed by the Synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America, and has been assisted financially for the last sixteen years by the Board of Education in the increase of the endowment fund, and by direct contributions toward the current expenses.

LOCATION AND BUILDINGS

Carthage College is located at Carthage, the county seat of Hancock County, Illinois. It is a pleasant inland town of over twenty-five hundred inhabitants. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for more than thirty years, and is thus well-adapted to academic and college life. The citizens are cultured and hospitable, and deeply interested in the college and the students, to whom the homes are open constantly. Carthage is situated twelve miles east of Keokuk, Iowa, and midway between Burlington, Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington and Quincy and the Wabash systems pass through the city, and the main line of the Toledo, Peoria and Western railroad passes four miles to the north, connecting at Ferris for Carthage. New students, upon writing to the President, can receive all needed information.

The campus comprises about eighteen acres of improved and timbered grounds, situated in the northeast portion of the city, about eight blocks from the public square, and slightly elevated above the rest of the town.

The main building is a large brick structure of three stories and basement. It is furnished with modern conveniences and is in all respects well adapted to the work of the institution. In addition to the large, well-lighted recitation rooms and laboratories, it contains the college chapel, the Association chapel, the library and reading room, and the literary society halls.

Denhart Hall for young women is situated on the west side of the campus. It is an attractive looking brick building of two stories and basement, equipped with baths and lavatories, and heated with steam. The dining-room is in the basement. On the first floor are a parlor and a music room. The building accommodates thirty students, who are under the supervision and care of the Dean of Women, Miss Martinis, and the Matron, Miss Ruppel.

The gymnasium is a handsome building. It was erected in 1905-06 at a cost of twelve thousand dollars. The building is 43x91 feet on the outside, giving available floor space of 40x88 feet. It is equipped with apparatus of the best quality, with running track, and with hot and cold baths.

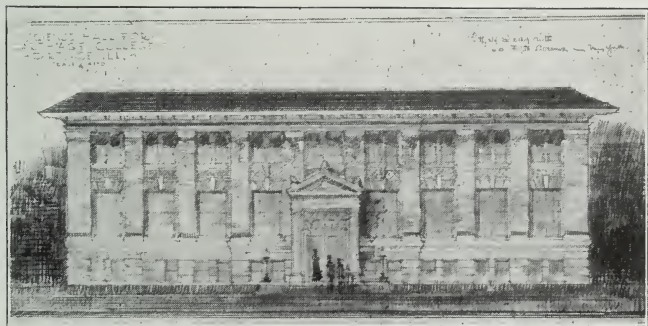
The new Carnegie Science Hall will be ready for occupancy before the opening of the next school year. This building will afford exceptional facilities for successful work in all the laboratory sciences.

The Biological Department is accommodated on the second floor. The General Biological Laboratory, occupying the west end of this floor, is a large room well lighted, having windows on three sides. One end of the room is separated from the main laboratory by a glazed partition, and is provided with a sky-light and abundant radiation. It will be furnished with aquaria and is designed to supply the laboratory with living plants. On the basement floor is situated a room in which will be kept such live animals as may be needed for the work in biology. This room

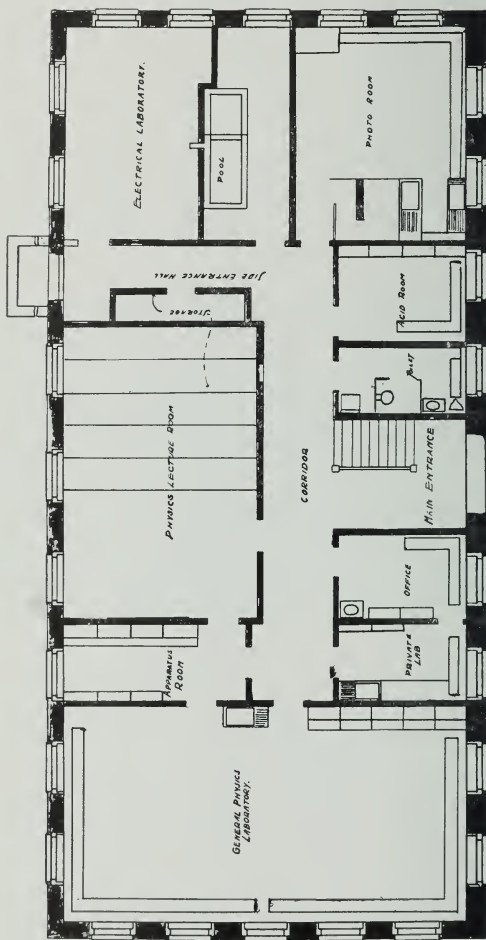
contains a pool ten feet long by three feet wide, and varying in depth from six inches at one end to two feet at the other. The Laboratory is equipped with good compound and dissecting microscopes and all accessories necessary for successful work. Separated from the Laboratory by a store room is the commodious lecture room of the Department, and across the corridor from the lecture room is a small private laboratory and the office of the Professor of Biology.

The first floor of the Science Hall accommodates the Department of Chemistry. The entire west end of this floor is occupied by the General Chemistry Laboratory. Separated from this laboratory by the Preparation Room is the Chemistry Lecture Room. At the opposite end of the corridor are the Analytical and Organic Laboratories. All these laboratories are provided with ample hoods having artificial draft. The students' tables contain lockers—two drawers and a cupboard for each student—and are fitted with alberene stone tops and shelves. All the sinks, hood counters and shelves are also of alberene stone. The materials to be used by the students in the laboratories are furnished on open shelves easy of access. On the same floor is the Balance Room equipped with balances and weights of precision; also the office and private laboratory of the head of the Department of Chemistry, and the departmental library, where will be found the various scientific journals and works of reference. An acid room on the basement floor provides storage for such acids and other volatile reagents as are most satisfactorily kept where the range of temperature is not wide.

The Department of Physics occupies the greater part of the basement floor. The arrangement of laboratories, lecture and store rooms is similar to that found on the first and second floors. All these laboratories, as well as the

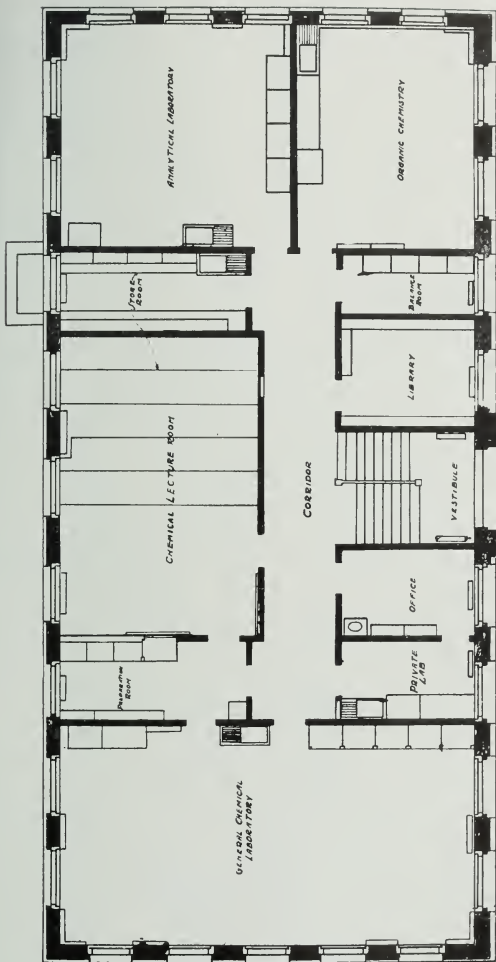


NEW CARNEGIE SCIENCE HALL.



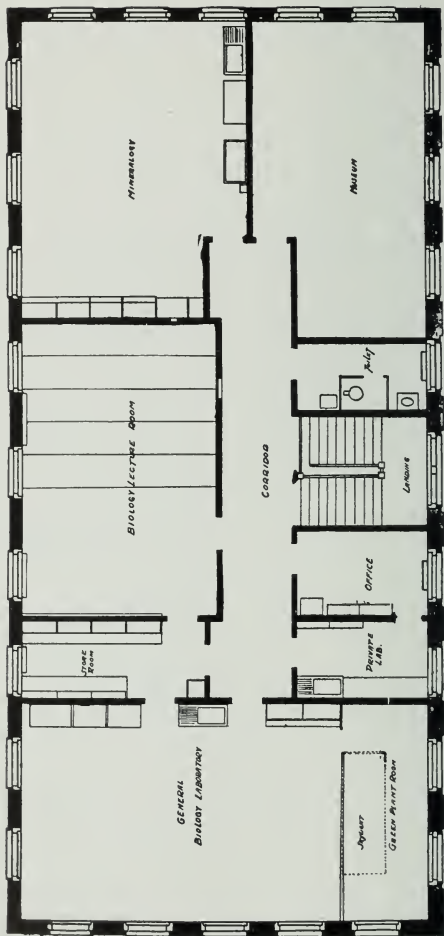
SCIENCE HALL FOR
CARTHAGE COLLEGE
CARTHAGE, ILLINOIS.

PLAN OF BASEMENT



SCIENCE HALL FOR
CARTHAGE COLLEGE,
CARTHAGE, ILLINOIS.

PLAN OF FIRST STORY



SCIENCE HALL FOR
CARTHAGE COLLEGE.
CARTHAGE, ILLINOIS.

PLAN OF SECOND STORY

chemical laboratories and all the lecture rooms, are wired for electrical power and experimental purposes.

The Department of Geology and Mineralogy will occupy two commodious rooms on the second floor. One of these is the Museum; the other is the laboratory of the Department and is equipped for work in Determinative Mineralogy and Assaying. In this laboratory is placed the distilling apparatus and a large reservoir tank for distilled water, from which pure water is carried through tin lined pipes to the various other laboratories. The Department will use the lecture room on the first floor..

The College Library contains about seven thousand volumes and several thousand pamphlets. The collection is classified according to the Dewey decimal system, and is furnished with complete card catalogues of authors and subjects. A large number of books have been added by donations and purchase within the past few years, and the collection now contains the books most essential for undergraduate work in the various departments. The following additions have been made during the current year:

| | | |
|-------------------------------|----|---------|
| Bound Magazines | 56 | Volumes |
| U. S. Government..... | 29 | " |
| Purchase | 41 | " |
| State of Illinois..... | 7 | " |
| Smithsonian Institution..... | 7 | " |
| Bross Lecture Foundation..... | 4 | " |
| Miscellaneous | 68 | " |

Total number of volumes.....212

Grateful acknowledgment is hereby extended to all donors.

The two literary societies have good collections of books, to which standard works are being added annually. Each society has invested funds, the interest of which is used for library purposes. Cicero Society has recently placed its collection in the College Library, and thrown it open to the use of all students. The Public Library of

Carthage, containing several thousand volumes, is open to the students, while the private libraries of the members of the faculty are also accessible for studies upon special topics.

The Reading Room has been furnished with tables, shelves, magazine case, newspaper rack, et cetera, and is open daily except Saturday from 8:15 until 12 a. m., and from 1:15 until 4:30 p. m.; on Saturday the hours are from 9 until 11 a. m. The library is open during the same hours. The reading room is equipped with the best scientific and literary magazines and many of the best religious and secular papers.

STUDENT ORGANIZATIONS

Two societies—Galileo, organized in 1870, and Cicero, organized a year later—are sustained in connection with the College. Through the medium of these, students get valuable aid in composition, delivery, debate and parliamentary practice, besides opportunities for social culture. All Collegiate and Senior Academic students are required to unite with one or the other of these societies, and to perform a prescribed amount of literary work annually. Each of the societies occupies a large, attractive hall, handsomely furnished for literary and social purposes.

The Young Men's Christian Association, which was organized in 1881, has exerted a marked influence upon the life and character of the students during the years since. Prayer meetings are held on each Tuesday evening. The Young Women's Christian Association is a flourishing organization, which holds a service every Monday evening. It receives the cordial support of all the young women of the College. Devotional Bible study and missionary classes have been conducted by both associations. Each association sends delegates every summer to the Geneva Conference of College Students. New students are urged to unite with these associations, and will do well to avail

themselves of the assistance which is offered them at the opening of each year.

The Athletic Association conducts the business affairs of the athletic teams, elects managers, awards insignia for distinction in athletics. Every student is a member of the Association, who has paid the required fee, and is entitled to a vote in the association.

The Dramatic Club aims to promote interest in dramatic art and literature by studying some modern dramatist and presenting a play at the end of the school year.

The Brain and Brawn is a society composed of students who have distinguished themselves for scholarship, or have won prizes on the athletic field.

RELIGIOUS CULTURE

Ever since its organization the college has aimed to exert positive religious influence over its students. The newly organized Department of Biblical Instruction gives training in Christian work to those who desire it, and affords every student an opportunity to gain a thorough and systematic knowledge of Biblical History and Literature. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. Besides the English Lutheran church, whose pastor, Rev. S. N. Carpenter, is regarded as College pastor, and the German Lutheran congregation, there are represented in Carthage organizations of the Baptist, the Catholic, the Christian, the Episcopal, the Methodist Episcopal, and the Presbyterian denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly identified with its religious work.

PUBLICATIONS

The literary societies of the College publish a monthly journal—The Collegian—which is edited by a staff of

editors chosen from the societies. This paper is helpful in stimulating literary activity among the students. It also affords the Alumni, friends, and patrons of the college the best means of keeping in touch with the life and work of the institution.

The College publishes a bi-monthly Bulletin, the purpose of which is to keep friends and patrons informed of the work of the institution, and of improvement and progress in all lines of college activity. There is no charge for subscription, and all persons interested may have their names added to the mailing list by addressing a request to the President.

SCHOLARSHIPS

Free tuition for one year is annually offered to that member of the Senior class of Carthage High School who shall receive the highest average grade in scholarship during the year.

A similar scholarship is awarded to that member of the Senior class of the Academy whose average for the year is the highest. This scholarship was awarded last year to Mr. John J. Gent, of Muscatine, Iowa.

The W. C. T. U. of the county annually purchases a scholarship good for one year, which is awarded by a competitive examination in physiology.

A scholarship in the Academy is annually awarded to that student in the schools of Hancock County who receives the highest average grade in the county central examination for the year.

In general, it is the policy of Carthage College to meet all competition, and young people holding scholarships given by other institutions for excellence in scholarship, can usually receive the same privilege here. Correspondence along this line is invited.

PRIZES.

Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies pursued during the year.

Mr. Ed Hoch, of the city of Carthage, offers annually a gold medal to that member of the Greek class who excels in final competitive examination.

Miss Nell Clark, of Polo, Ill., and Miss Grace Kunkel, of Carthage, tied for first place in both of these contests, and accordingly two medals were awarded in each case.

The Board of Trustees offers a gold medal to that member of the Junior class who, under the supervision of the Faculty, shall produce the best original oration at the Junior oratorical entertainment, regard being had for both thought and delivery.

FACILITIES FOR SELF-HELP

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or to reduce their expenses. A portion of the janitor service in the main building and in Denhart Hall is being performed by students at present. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by management of laundry agencies among the students and in the community. During the coming year a number of young men and young women will be needed to render service in the institution, for which credit will be given them on their tuition and other expenses.

ROOMS AND BOARDING

All the young women from a distance will be expected to room and board in Denhart Hall, where comfortable and

convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedsteads, springs, mattress, bureau, washstand, toilet set, chairs table and book shelves, and are heated by steam. Connected with each room are two clothes presses. Pillows, pillow slips, sheets, spreads and blankets are supplied; hence young ladies need bring with them only towels, napkins, and the additional bed clothes desired.

As the cottage is limited to thirty students, all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. Board is furnished at \$2.50 a week; the charge for inside rooms, furnished, is 75 cents a week; for corner rooms, \$1.00 a week. An additional charge of 50 cents a week will be made for students rooming alone, provided it is possible to furnish single rooms. During the year a number of rooms have been beautified at the expense of friends of the College.

Young men can find comfortable homes near the College and good board at reasonable rates—\$2.75 to \$3.50 per week; or they may secure boarding at the regular rates at the dining-room of Denhart Hall.

GOVERNMENT

The government of the institution is vested in the Faculty, who administer the discipline and impose such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students, and the purpose is to retain only such students as may conduct themselves in gentlemanly or ladylike manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow students in all their relations. Should any student be found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and the general welfare of the institution. Students who have failed to conduct

themselves properly in other institutions are not wanted in Carthage College.

A proper care for the health and good name of the young women is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order, while only such restrictions will be imposed upon any student as may be required to maintain the authority of the Faculty or to advance the best interests of the institution.

TERMS AND VACATIONS

The school year of the three regular departments consists of thirty-six weeks, divided into two semesters of equal length. There are two vacations—the usual holiday vacation lasting about two weeks, and the long summer vacation of about thirteen weeks after commencement. By this arrangement students can pursue their studies through the school year, and needy students can make the very best use of the long vacation for procuring means of support while at school. Students may enter any of the departments at any time, but the best results are secured by those who commence at the beginning of the year or the beginning of the semester.

EXPENSES

The necessary expenses at Carthage College are quite low. The regular expenses are here given in detail:

| | |
|--|---------|
| College tuition, per year, in advance..... | \$40.00 |
| College tuition, per semester, in advance..... | 20.50 |
| Academy tuition, per semester..... | 15.00 |
| Registration fee, for the year..... | 1.00 |
| (After Registration Day, \$2) | |
| Contingent fee, per semester..... | 1.50 |
| Library fee, per semester..... | 1.50 |

| | |
|---|------|
| Athletic fee, per semester..... | 2.00 |
| Gymnasium fee, per semester..... | 1.50 |
| Laboratory fee, Biology, per semester..... | 2.50 |
| Laboratory fee, Physics, per semester..... | 2.50 |
| Laboratory fee, Mineralogy, per semester..... | 2.50 |
| Laboratory fee, Chemistry, per semester..... | 3.00 |
| Academy Botany, Physics or Zoology, per semester. | 1.50 |
| Academy Chemistry, per semester..... | 2.00 |
| Room rent in Denhart Hall, per week.....\$.75 to | 1.00 |

MUSIC.

| | |
|---|---------|
| Piano, (Miss Koch), one lesson a week, per semester. | \$18.00 |
| Piano, (Miss Koch), two lessons a week, per semester | 27.00 |
| Piano, with assistant, one lesson a week, per semester | 11.50 |
| Piano, with assistant, two lessons a week, per semester | 18.00 |
| Voice, one lesson a week, per semester..... | 18.00 |
| Voice, two lessons a week, per semester..... | 27.00 |
| Chorus, one lesson a week, per year..... | 3.00 |
| Use of Piano, one hour daily, per year..... | 5.50 |
| Use of Piano, three hours daily, per year..... | 14.50 |
| Harmony, one lesson a week, per year..... | 18.00 |
| Harmony, two lessons a week, per year..... | 27.00 |
| Harmony (class) one lesson a week, per year..... | 10.50 |
| Musical History (class) one lesson a week, per year. | 4.50 |
| Pipe Organ, per lesson..... | 1.00 |
| Special Coaching, per lesson..... | 1.50 |
| Teacher's Course | 5.00 |

No reductions for lessons missed except in case of illness, and then only when lessons cannot be made up.

LEGACIES

It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have been prospered in temporal things by remembering the institution

with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount, while by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy—to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least \$1,000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of the bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

"I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of \$. (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod college in the present Carthage College territory."

REQUIREMENTS FOR ADMISSION

Candidates for admission must present satisfactory testimonials of good moral character; certificates of honorable dismissal are required of those who come from other colleges. The scholarship requirements for admission to the Freshman class are based upon four years of secondary school work, with four daily recitations. A daily recitation throughout a year constitutes a unit of

credit. Four years of secondary school work, therefore, will constitute sixteen units of credit, and sixteen units are required for unconditional admission to the Freshman class. These credits are to be offered in harmony with the outline of subjects given below, with the understanding that the time assigned in every case is simply a convenient average and that the work outlined must have been completed.

Students coming from high schools and academies of recognized standing are admitted on certificate of scholarship and character without examination, as far as they have pursued the required preparatory studies. Candidates for admission without condition to the Freshman class, who are unable to offer a sufficient number of satisfactory credits, will have an opportunity to secure such standing by means of written examinations.

Blank forms of application for admission may be secured from the President or Registrar. These should be filled out and returned before Registration Day.

Students will not be admitted to Freshman classification with an arrearage of more than two credits. Any deficiency must be made up during the Freshman and Sophomore years. Standing secured by certificate is only for the first semester, that semester being regarded as probationary. The student's subsequent rank depends upon the results of his work.

All candidates for admission must offer the following subjects:

| | | |
|-------------------------|----|-------|
| English | 3 | units |
| History | 1 | unit |
| Mathematics | 2½ | units |
| Foreign Language..... | 4 | units |
| Laboratory Science..... | 1 | unit |

and four and one-half units additional, chosen in harmony with the College course to be pursued. The following list

indicates the subjects that may be offered, together with the amount of credit allowed in each:

| | |
|-------------------------|--------------------|
| Bible | 2 |
| Botany | $\frac{1}{2}$ to 1 |
| Chemistry | 1 |
| English | 3-4 |
| German | 1-2 |
| Greek | 1-2 |
| Latin | 2-4 |
| History and Civics..... | 1-3 |
| Algebra | $1\frac{1}{2}$ |
| Plane Geometry..... | 1 |
| Solid Geometry..... | $\frac{1}{2}$ |
| Astronomy | $\frac{1}{4}$ |
| Physics | 1 |
| Physiography | $\frac{1}{2}$ to 1 |
| Physiology | $\frac{1}{2}$ |
| Zoology | $\frac{1}{2}$ to 1 |

The courses and requirements are shown more in detail as follows:

I. ENGLISH:

(1) Not less than a three years' course in composition and rhetoric, including the study of standard texts, and sufficient practice in composition to insure a fair degree of proficiency in writing in English. The student is expected to be able to give unity and coherence to his ideas, and to construct correctly the three units of discourse,—the sentence, the paragraph, and the essay. This presupposes correctness of orthography and grammar, and knowledge of the simpler principles of punctuation.

2. The reading and study of classics recommended for uniform college requirements by the Committee of College Entrance Requirements in English. This includes:

a. The four classics for study and practice selected by the Committee.

b. Ten classics for reading, to be chosen from the six groups recommended by the Committee.

II. FOREIGN LANGUAGE:

Four units of foreign language are required. This must include at least two units of Latin. Those who expect to take Latin in the College must present two additional units, making in all four units of Latin.

LATIN:

1. Collar & Daniell's *First Latin Book*. Latin Grammar: Allen & Greenough, Harkness or Bennett.
2. *Via Latina*, Cæsar, four books of the Gallic War.
3. Cicero; four orations against Cataline, for Roscius, for Archias.
4. Vergil, Aeneid, Books i.-iv., with prosody.
5. Prose Composition, thirty lessons of Bennett's *Latin Prose Composition*.

GREEK:

1. White's *Beginner's Greek Book*. Goodwin's *Greek Grammar*.
2. Xenophon, *Anabasis*, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' *Greek Prose Composition*.

III. MATHEMATICS:

1. Arithmetic Complete.
2. Algebra, through Quadratics. Wells' *Essentials of Algebra*, or equivalent.
3. Geometry, Plane; Phillips & Fisher, or equivalent.
4. Geometry, Solid, Phillips & Fisher, or equivalent.

IV. HISTORY:

1. United States. Channing's *Students' History of the United States*, or equivalent. The United States History studied in the Public Schools below the ninth grade will not be accepted as meeting entrance requirements.

2. Ancient History. Botsford's *Ancient History*, or its equivalent.
3. Mediæval History. Munro's *Mediaeval History*, or its equivalent.
4. English History. *Cheyney's Short History of England*, or its equivalent.

V. GERMAN:

As a test of the student's elementary preparation, he should be able to read at sight, and to translate, if called upon, a passage of easy dialogue or narrative prose, help being given upon unusual words or constructions, to put into German short English sentences taken from the language of every day life, or based on the text translated, and to answer questions on the rudiments of grammar, as defined below.

1. Pronunciation, the memorizing and use of easy colloquial sentences; the rudiments of grammar, inflection of the articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word order; abundant exercises; the reading of from seventy-five to one hundred pages of graduated texts.

2. The reading of from one hundred and fifty to two hundred pages of literature in the form of easy plays and stories; translation into German of matter based upon works read; continued drill upon rudiments of grammar.

VI. SCIENCE:

The preparation must include both text book and laboratory work; and the candidate should submit his note-book. It is recommended that an entire year be devoted to one Science, except Physiology and Physiography, and credit will not be granted for less than one unit of Chemistry or Physics.

1. ELEMENTARY BIOLOGY (one unit). The requirement in Biology may be met by one-half unit in Botany and one-

half unit in Zoology. It is recommended, however, that the entire unit be offered in one of these sciences. In any case, laboratory work must constitute an important part of the course.

2. **ELEMENTARY CHEMISTRY** (one unit). The work offered in Chemistry must include recitations and laboratory work for one year. The ground covered should be essentially that of the best elementary text books on general Chemistry.

3. **PHYSIOGRAPHY** (one-half unit). The course should include supplemental work as well as the study of some good modern text book.

4. **PHYSIOLOGY** (one-half unit). A study of some standard elementary text book, supplemented by laboratory work. The Physiology studied in the Public School below the ninth grade will not be accepted as meeting entrance requirements.

5. **PHYSICS** (one unit). The requirement in Physics is sufficiently outlined in any one of several good modern text books of Elementary Physics. Of these Milliken & Gale's *A First Course in Physics*, is preferred.

ADVANCED STANDING

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to adjustment. Credit toward a college degree will be allowed for work done in college preparatory schools and high schools only when upon investigation such work is found to be equal in time, quality and thoroughness to the same work done in college classes, provided it has not been counted for entrance credits. In no case will the baccalaureate degree be granted for less than one year of resident work in Carthage College.

COURSES OF INSTRUCTION

The College Department embraces the usual four years of study in the regular classes.

In arranging the courses of study the faculty has endeavored to provide for the proper correlation of subjects, as well as for an adequate adaptation to individual needs. It believes that close specialization in the early years of a college course defeats the true end of college training, namely, the attainment of broad and liberal culture. Thus it requires the student in his Freshman and Sophomore years to elect one of four groups of studies. The group system, which is used in the majority of colleges, aims to combine the advantages of the rigid course system with those of the free elective systems, and to maintain a proper balance between arbitrary dictation on the one hand and unadvised choice on the other. Carthage College offers four groups, each laying the foundations of a well-rounded, liberal education. (For groups of studies required see page 31.)

REQUIREMENTS FOR GRADUATION

In all courses the requirement for graduation is 130 college credits. A college credit represents one semester hour of work—that is, one recitation per week for one semester; two hours of laboratory or seminar work counting as one hour of recitation. In adjusting the work and standing of students with entrance conditions, a four or five-hour academy course is counted as a three-hour course in college.

CLASSIFICATION

The class to which a student is assigned depends on the number of credits on record in the books of the Registrar at the opening of the year. In counting credits the number of conditions outstanding against any name will be subtracted from the full number of credits.

Students lacking more than two units of preparatory work, as explained in requirements for admission, will be classed as academy students. Those meeting the entrance requirements with an arrearage of not more than two units of credit are ranked as Freshmen. The requirements for advanced standing are as follows: Sophomore, a minimum of

28 college credits; full standing, 36 credits; Junior, a minimum of 60; full standing, 68 credits; Senior, a minimum of 94, full standing, 102; graduation, a minimum of 130 credits.

CHOICE OF COURSES

All students entering the College have the privilege of choosing, in consultation with the President, their group of subjects. A group once fully entered upon must be pursued to the end of the Freshman year, unless a change be granted by special action of the Faculty. If at the end of the first year a new selection is desired, this will be permitted so far as the prerequisite requirements in other groups have been met.

No student is permitted to acquire more than eighteen college credits per semester except by a special action of the Faculty, and no application from a Freshman for more than eighteen hours for his first semester will be considered, except that a Freshman may be allowed by the Faculty to take additional work in order to remove entrance conditions. The maximum number of credits that may by Faculty action be granted to any student in any year is as follows:

Freshmen 36, Sophomores 38, Juniors 40.

SPECIAL STUDENTS

Students who do not desire to pursue a regular course of study may pursue a select course, if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all rules and regulations of the College, and are expected to take sufficient work to occupy their time.

GROUPS OF STUDIES

The following representative groups are offered. Other combinations will be made to accommodate students who are preparing for subsequent work in medicine or engineering. The degree of Bachelor of Arts is conferred on students who

have completed the requirements in Group I and Group II; the degree of Bachelor of Science on those who have completed Group III or Group IV.

GROUPS OF STUDIES FOR FRESHMEN

| <i>A. B.</i> | | <i>B. S.</i> | |
|-----------------------|---|-----------------------|---|
| GROUP I | | GROUP III | |
| Greek | 8 | Biology | 8 |
| Latin | 8 | Latin | 8 |
| English | 6 | English | 6 |
| Semitic History | 4 | Semitic History | 4 |
| Mathematics | 7 | Mathematics | 7 |
| GROUP II | | GROUP IV | |
| German | 8 | Biology | 8 |
| Latin | 8 | German | 8 |
| English | 6 | English | 6 |
| Semitic History | 4 | Semitic History | 4 |
| Mathematics | 7 | Mathematics | 7 |

GROUPS OF STUDIES FOR SOPHOMORES

| <i>A. B.</i> | | <i>B. S.</i> | |
|------------------------------|---|---------------------------|---|
| GROUP I | | GROUP III | |
| Greek | 6 | Chemistry | 8 |
| Latin | 6 | Latin | 6 |
| English | 6 | English | 6 |
| Biblical Literature | 4 | Biblical Literature | 2 |
| History | 6 | Mathematics | 8 |
| Biology I or Chemistry I.... | 8 | History | 6 |
| GROUP II | | GROUP IV | |
| German | 6 | Chemistry | 8 |
| Latin | 6 | German | 6 |
| English | 6 | English | 6 |
| Biblical Literature | 4 | Biblical Literature | 2 |
| History | 6 | Mathematics | 8 |
| Biology I or Chemistry I.... | 8 | History | 6 |

STUDIES FOR THE JUNIORS AND SENIORS

| | |
|------------------------|------------------------|
| Archæology | Astronomy |
| Biblical Sociology | Biblical Philosophy |
| Chemistry (2 courses) | Biology |
| Drawing | Chemistry (2 courses) |
| English (4 courses) | Drawing |
| Ethics (2 courses) | Economics |
| French | Education (5 courses) |
| German | English (4 courses) |
| Greek (3 courses) | French |
| History (4 courses) | Geology |
| Latin (5 courses) | German |
| Logic | Greek (3 courses) |
| Mathematics | History (4 courses) |
| Philology | Latin (5 courses) |
| Physics (6 courses) | Mathematics |
| Psychology (8 courses) | Mineralogy |
| Public Speaking | Philology |
| Sociology | Philosophy (5 courses) |
| | Physics (6 courses) |
| | Politics |
| | Public Speaking |

In groups II and III Greek may be substituted for Latin.

Junior and Senior years are elective with the following limitations: Required—1. 6 hours of History and Social Sciences; 2. 6 hours of Psychology and Ethics; 3. Bible in both years; 4. 6 hours of Foreign language in groups I and II; 5. 16 hours of Science in groups III and IV.

DEPARTMENTS OF INSTRUCTION

BIBLICAL HISTORY AND LITERATURE

PROFESSOR HOOVER

- I. HISTORY. (1) Semitic history. Text, Blaikie.
(2) Studies in the Life of Jesus. Text, Bosworth.
- II. LITERATURE. (1) Bible as Literature.
(2) Studies in Psalms. Text, McFadyen.
(3) Biblical Idyls. Text, Moulton.
(4) Studies in Wisdom Literature. Text, Fowler.
(5) Leaders in Israel. Text, Robinson.
- III. ARCHAEOLOGY.
(1) Sketches of Jewish Social Life. Text, Edersheim.
(2) Biblical Sociology.
(3) Studies in Old Testament characters. Text, White.
- IV. PRINCIPLES OF CHRISTIANITY.
(1) Biblical pedagogy and child study. Text, Weigle
(2) Personal work and religious education.
(3) Studies in prophecy.
(4) Teachings and principles of Jesus. Text, Bosworth.
(5) Philosophy of Christianity. (See Philosophy.)
- V. SPECIAL COURSES.
Special courses will be offered to those wishing to specialize in the study of the Bible.

BIOLOGY

PROFESSOR HILL

Ia. GENERAL BIOLOGY. A general introduction to the subject through a broad, comprehensive study of living things. Emphasis is laid on the general facts of morphology and physiology as illustrated by the thorough study of a few

types, rather than upon the minutiae of classification. As far as possible in an elementary course, the problems of theoretical biology are stated and discussed. Lectures and recitations. Two hours throughout the year. Required in all groups.

Ib. GENERAL BIOLOGY. Laboratory course. Accompanies course *Ia*. Four hours throughout the year. Required in groups S and G.

II. ADVANCED PHYSIOLOGY AND VERTEBRATE HISTOLOGY. Three hours. Prerequisites, Biology *Ia* and *Ib*, and Chemistry *Ia*.

CHEMISTRY

PROFESSOR HILL

I. GENERAL INORGANIC CHEMISTRY. Experimental lectures, recitations and laboratory work. Two lectures and four hours of laboratory work per week. The course is based on Dr. Alexander Smith's *General Chemistry for Colleges*, and Smith and Hale's *A Laboratory Outline of General Chemistry*.

No previous knowledge of chemistry is essential. Students offering chemistry for admission may, upon presentation of their note-books, have their laboratory work arranged so as to avoid repetition of the simpler experiments already satisfactorily performed in their preparatory course.

II. QUALITATIVE ANALYSIS. This course includes lectures, recitations and laboratory practice in the general methods and processes of qualitative analytical chemistry. Six hours. First semester. Open to students who have completed course I.

III. QUANTITATIVE ANALYSIS. A study of the standard gravimetric and volumetric methods of analytical chemistry. Lectures, recitations and laboratory work. Six hours. Second semester. Prerequisites, courses I and II.

IV. ORGANIC CHEMISTRY. A study of the characteristics of typical and simple organic compounds, followed by a consideration of the classification and most important classes

of the derivatives of carbon. Lectures and recitations; laboratory practice in organic synthesis and analysis. Six hours. Prerequisite, course I.

EDUCATION

PROFESSOR HOOVER

I. PSYCHOLOGICAL.

1. Psychological Principles of Education. Text, Horne.
2. Psychological Problems of Education. The problems of the Teacher, the Pupil and the Process, receive attention. Lectures.

3. Study of Adolescence. Text, Hall's *Adolescence*.

II. GENERAL COURSE.

1. History of Education. Text, Monroe. References, many of the leading authors.
2. History of Education in the United States. Lectures.
3. Principles of Education. Lectures. Wide reading required. Horne's *Principles and Idealism*, De Garmo's *Interest and Education*, Compayre's *Lectures*, and such authors as Ruediger, Froebel, Herbart and Pestalozzi.
4. Pedagogy. Text, Brumbaugh.
5. School and Class Management. Theory and practice of principal and teachers, and teacher and child, administration and hygiene, receive attention. Text: Arnold. Reference, Bagley, Dutton and Tompkins.

III. Special instruction will be given students who purpose teaching English, history, science or foreign languages by the respective professors of these subjects.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR OWEN

- I. COMPOSITION AND RHETORIC. Two hours of composition including one theme per week and the study of Grose's *Specimens of English Composition*. One hour, Johnson's *English Words*, followed by Necomer's *Elements of Rhetoric*. Required of all Freshmen.

II. GENERAL SURVEY OF ENGLISH LITERATURE. An outline of the history of British literature and of American literature. Weekly tests and written reports on assigned readings. The aim of the course is to let the pupil gain first-hand knowledge of a fairly large and representative portion of English literature. Three hours per week. Required of all Sophomores.

III. OLD AND MIDDLE ENGLISH. An outline of Old English grammar followed by the reading of Bright's reader. An outline of the development of Old English through Middle English into Modern, followed by the reading of *Piers Plowman*, selections from Chaucer, and several Middle English romances. Three hours per week. Open to Juniors and Seniors.

IV. SHAKESPEARE AND HIS PREDECESSORS. A rapid survey of the origin and development of English drama before Shakespeare; the development of Shakespeare as a dramatist. Two hours per week. Open to Juniors and Seniors.

Va. MILTON. A study of his more important prose and of all his English poetry. Two hours per week the first semester. Open to Juniors and Seniors.

Vb. NINETEENTH CENTURY POETRY. A study of the principal British poets from Wordsworth to Tennyson. The course aims to trace the intellectual movements of the period. Two hours per week the second semester. Open to Juniors and Seniors.

VIa. NINETEENTH CENTURY PROSE. A study of the principal prose writers, Carlyle, Hazlitt, Coleridge, Ruskin, Newman, Arnold, Huxley. The course aims to trace the intellectual movements of the period. Two hours per week the first semester. Open to Juniors and Seniors.

Vib. THE DEVELOPMENT OF THE ENGLISH NOVEL. This course aims to give students a knowledge of English prose fiction in its chronological order, and of its relations to Con-

tinental literature. Two hours a week the second semester. Open to Juniors and Seniors.

Courses III and V given in 1913-14, not in 1912-13.

Course Latin X is recommended to advanced students of English.

FRENCH

PROFESSOR MURRAY

I. Fraser and Squair's *French Grammar*. The essentials of French accidence including the forty most useful irregular verbs. Thorough drill in pronunciation and practice in French conversation. Reading of easy prose: *Contes et Legendes*; *La Poudre aux yeux*; *La Mare au Diable*; Tales by Daudet. Four hours.

Open to all students who have not yet studied French.

II. Systematic grammatical drill and practice in French composition. Introduction to French classics: Mérimée's *Colomba*; Pailleron's *Le Monde ou l'on s'ennuie*; Molière's *L'Avare*; Bourgeois *Gentil homme*; Francois' *Elementary Composition*. Three hours.

Open to students who have passed course I or offer the equivalent.

III. Masterpieces of prose and poetry: *Les Précieuses Ridicules*; *Les Femmes Savantes*; *Le Malade Imaginaire*; Corneille's *Polyencte Martyr*; Hugo's *Hermani*, etc. Francois' *Advanced Composition* and conversation based on texts. Three hours.

Open to students who have passed courses I and II or offer an equivalent.

GEOLOGY

PROFESSOR HILL

I. STRUCTURAL AND DYNAMIC GEOLOGY. Text book, Chamberlain and Salisbury's *College Geology*. Two hours. First semester.

II. HISTORICAL GEOLOGY AND PALAEONTOLOGY. A study of the history of the earth with special reference to the development of the North American continent, and the evolution of life as revealed in the order and sequence of fossils. Two hours. Second semester.

III. MINERALOGY. Descriptive and determinative Mineralogy and Petrology. Two laboratory hours throughout the year.

GERMAN

PROFESSOR MURRAY

Ia. First semester, a thorough drilling on the essentials of German grammar in conjunction with the reading of easy prose, fairy tales, stories from German mythology, etc.

Second semester, grammar, practice in German conversation, sight reading and the reading of varied classics.

Texts: Joynes *Wesselhoeft's German Lesson Grammar* or Voss' *Essentials of German*; *Märchen und Erzählungen*; *Glück Auf*; *Im Vaterland*; *Immensee*; *Wilhelm Tell*. Texts vary. Five hours.

Course German Ia is prescribed for Freshmen electing group II who have not presented German for admission.

I. INTRODUCTION TO THE STUDY OF THE CLASSICS. Methodical study of some standard works with reference to their linguistic and literary import. Essentials of syntax. Conversation. Composition.

Texts: Goethe's *Hermann und Dorothea*; Schiller's *Maria Stuart* and *Die Jungfrau von Orleans*. Harris *German Composition*. Four hours.

Course I prescribed for Freshmen electing group II, and presenting German for admission.

II. LESSING COURSE. Study of the works of Lessing, illustrating his influence upon the German drama and litera-

ture. *Minna von Barnhelm*; *Emilia Galotti*; *Nathan der Weise*. German conversation. Composition. Three hours.

Required of Sophomores in group II.

III. FREYTAG COURSE. Study of masterpieces in modern prose, *Soll und Haben*; *Aus dem Staat Friedrichs des Grossen*, etc. Discussion of contents and textual criticism in German. Composition. Three hours.

Course III open to Juniors or Seniors.

IV. Course in modern drama: Representative works of Hauptmann, Sudermann, and Wildenbruch will be studied e. g. *Die Versunkene Glocke*; *Heimat* or *Die Ehre*; *Heinrich und Heinrich's Geschlecht*. German essays. Two hours.

Course IV open to Juniors and Seniors.

IIIa. Conversation and advanced composition. Kron's "*German Daily Life*" will be used as a basis for conversation concerning German customs and institutions. Practice in translating an English or American prosaist. One hour. Open to Juniors or Seniors.

GREEK LANGUAGE AND LITERATURE

PROFESSOR VAN GUNDY

Ia. ELEMENTARY COURSE. The purpose of this course is to furnish to mature students, who have never studied Greek, an opportunity to begin this subject in College. This and the following course are recommended to students who are looking forward to the study of theology or language, and also to students of science for the use of Greek in scientific nomenclature. Full credit is given for this course. Five hours a week, first semester.

Ib. XENOPHON, *Anabasis* with Grammar and exercises. Five hours a week, second semester.

I. XENOPHON, *Anabasis* or *Cyropaedia*. Required of Classical Freshmen. Four hours a week, first semester.

II. HOMER, *Iliad*, Books I-III, with selections intended to give a comprehensive view of the entire work. Required of classical Freshmen. Four hours a week, second semester.

III. PLATO. Selected dialogues, including the *Apology* and *Phaedo*. Three hours a week, first semester.

IV. THE LYRIC OR THE DRAMATIC POETS. Three hours a week, second semester.

Modern Language may be submitted for courses III and IV by special consent of the Faculty.

V. DEMOSTHENES, *On the Crown*. Study of Attic oratory. Exercises in advanced composition. Elective. Three hours a week, first semester.

VI. JUSTIN MARTYR, *Apology Major*. Selections from *Church Fathers*. Elective. Open to Juniors and Seniors. Two hours a week, first semester.

VII. INTRODUCTION TO PHILOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. One hour a week throughout the year.

VIII. NEW TESTAMENT. Elective. Open to students of advanced standing. One hour a week throughout the year.

HISTORY AND THE SOCIAL SCIENCES

PROFESSOR CARPENTER

The Department includes History, Politics, Economy and Sociology. (A course in Semitic History is offered in the Department of Bible.)

COURSES

I. HISTORY OF WESTERN EUROPE. from the beginning of the Middle Ages, 476 A. D. to 1453. Rapid review; three hours first semester. Required of Sophomores in all courses.

II. PHILOSOPHY OF HISTORY. Text, Adams' *Civilization During the Middle Ages*. Three hours second semester. For Sophomores.

III. THE REFORMATION AND RELIGIOUS WARS. Text-book and lectures. For Sophomores following course II. Three hours.

IV. MODERN HISTORY. History of the social, industrial and constitutional development of modern Europe. Two hours first semester. Elective.

V. ENGLISH CONSTITUTIONAL HISTORY. Two hours, following course IV. Elective.

VI. RECENT HISTORY. The American Constitution, development of the United States, and the diplomatic problems of the day. Two hours throughout the year. Elective for Juniors and Seniors, alternating with course VII.

VII. ANCIENT HISTORY. Study in the development of the rising nations of the Orient and others. Two hours throughout the year. Elective for Juniors and Seniors, alternating with course VI.

Courses VI and VII are supplemented by special lectures on teaching history. See Department of Education.

VIII. ECONOMICS. Text book, Lectures and Seminar. Three hours first semester. For Seniors.

IX. POLITICAL SCIENCE. Comparative study of the political systems of the United States and the leading European nations, with study of political parties and problems in the United States. Three hours second semester. For Seniors.

X. SOCIOLOGY. A study of the principles and problems of society. Text book and seminar. Two hours second semester. Elective for Seniors.

LATIN LANGUAGE AND LITERATURE

PROFESSOR VAN GUNDY

I. CICERO'S *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical Freshmen and Scientific Freshmen, Groups I, II and III. Four hours a week, first semester.

II. LIVY. Books I and XI. Sight reading continued. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer). Required of Classical and Scientific Freshmen of Groups I, II and III. Four hours a week, second semester.

III. HORACE. Odes. Books I and II, with the Epodes and selected Satires and Epistles. Review of Prosody and study of Horatian metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. Required of Sophomores in Groups I, II and III. Three hours a week, first semester.

IV. PLINY, Selected Letters; or QUINTILIAN, Institutes, Books X and XI. Preston and Dodge's *Private Life of the Romans*. Three hours a week, second semester. Required of Sophomores in Groups I, II and III.

V. TACITUS. *Germania* and *Agricola*. Study of the colonial policy of Rome.

VI. CICERO. Tusculan Disputations. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Courses V and VI may be changed and other texts substituted after conference with students who purpose taking these courses. Along with courses V and VI the class will make a rapid survey of Roman Literature. The library facilities are ample for special studies in classical subjects. Elective. Two hours a week.

VII. SUETONIUS. Lives of the Cæsars, *Julius*, *Augustus*, *Tiberius*. Elective. Two hours a week.

VIII. TACITUS. *Dialogus de Oratoribus*. Elective. Two hours a week.

IX. LUCRETIVS, *De Natura Rerum*; or some one or more of the philosophical works of Cicero. Elective. Two hours a week.

Courses VII, VIII and IX are elective, and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the method of presenting preparatory Latin, and in advanced Latin prose, with systematic study of the grammar.

X. INTRODUCTION TO PHILOLOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. One hour a week throughout the year.

MATHEMATICS AND ASTRONOMY

PROFESSOR HORNER*

MISS THOMPSON

I. ALGEBRA. This course will include a study of general methods of factoring, the general quadratics, progressions, permutations, combination, binomial theorem, partial fractions, surds, determinants and elements of the theory of equations. Required of Freshmen in all courses. First semester. four hours a week.

II. TRIGONOMETRY. Plane. Required of Freshmen in all courses. Second semester, three hours a week.

III. ANALYTIC GEOMETRY. Plane, Required of Sophomores taking groups III and IV. First semester, four hours a week.

IV. CALCULUS. An elementary course in differential and integral calculus, including geometrical and physical applications. Required of Sophomores taking groups III and IV. Second semester. Four hours a week.

V. DESCRIPTIVE ASTRONOMY. A study of the fundamental facts and laws of astronomy and of the methods and instruments of modern astronomical research. The treatment is non-mathematical. Open to Juniors and Seniors in groups S and G. First and second semester. Two hours a week.

*Resigned Jan. 27, 1912

VI. ADVANCED COURSES. Students desiring advanced courses in Mathematics may arrange to take courses in the Theory of Equations, Advanced Differential and Integral Calculus, Differential Equations, etc.

PHILOSOPHY

PROFESSOR HOOVER

ETHICS

I. INTRODUCTION to and principles of Christian Ethics. Lectures. Text: Muirhead. Many authors are read.

II. SOCIAL ETHICS from the Christian standpoint. Text, Peabody.

LOGIC

A study of the outlines of logic. An introduction to deductive and inductive methods. Text, Hibben.

PHILOSOPHY.

I. INTRODUCTION. Problems of Philosophy are set forth in pre-recitation lectures. These are followed by a comprehensive introduction. Text, Jerusalem.

II. HISTORY. History of Ancient Philosophy. History of Mediæval and Modern Philosophy are carefully studied by use of text (Cushman), Source Book (Bakewell) and lectures.

III. PROBLEMS OF HUMAN LIFE. Text, Euken.

IV. STUDIES IN HUMANITY. Seminar and lectures.

V. PHILOSOPHY OF CHRISTIANITY. An apologetic study of the truths of Christianity and Theism. Text, Bowne, Speer, Fairbairn.

PSYCHOLOGY

I. INTRODUCTION AND PRINCIPLES. This course offers a thorough study of the fundamentals of mental phenomena, and prepares for a study of advanced and graduate branches of psychology. Text book, James' and Seashore. Required of all Juniors.

II. SOCIAL. An interesting study of social planes and currents. Text, Ross, McDougall.

III. EDUCATIONAL. See Education. Prerequisite I.

IV. ELECTIVE. Aesthetics, Psychiatry, Genetic, Practical or Comparative Psychology, Prerequisite I.

PHYSICS AND MECHANICS

PROFESSOR ZIMMERMAN

I. GENERAL PHYSICS—Collegiate Course. First semester. Mechanics, Molecular Physics and Heat. Second semester, Electricity, Sound and Light. Lectures and demonstrations with recitations on the text. Prerequisite, Academy Physics and Math. I and II. One year. Three hours.

II. GENERAL PHYSICS—LABORATORY COURSE. Designed to accompany Course I. Use of instruments of precision; quantitative measurements in Mechanics, Heat, Sound, Light and Electricity. The verification of the Laws of Physics. The determination of constants and co-efficients, and the manipulation of apparatus.

A description of each experiment must be recorded and the results shown systematically. One year. Four or six hours. One-half credit.

III. ADVANCED PHYSICS. A course for the discussion of questions and problems of Physics. Advanced Mathematics is freely used and is essential. Graphic methods, logarithms and the slide rule supplement the mathematical calculations.

Prerequisite Physics I and II and Mathematics IV. Elective. One year; three hours.

IV. ELECTRICAL MEASUREMENTS. A course designed for the study of the fundamental facts of Electricity and Magnetism; the consideration of magnetic fields, electrolysis, thermo-electricity, inductance, resistance current, practical applications, and the electro-magnetic theory of Light. Prerequisite to Physics I and II. One year; two or three hours.

V, VI and VII. ADVANCED COURSES in Light, Theory of sound, and musical accoustics, and laboratory manipulation with lectures. (Teacher's course.) May be arranged for those qualified to elect.

DRAWING AND DESCRIPTIVE GEOMETRY. This course includes Drawing and Lettering and Descriptive Geometry. The work is subdivided into (a) geometrical problems and free-hand drawings, problems in pencil and ink; (b) cross sections including practice in the use of the instruments and tracing details and blue prints; (c) free-hand lettering, one stroke letter, proficiency in the use of a letter applicable for shop and other drawings and (d) Descriptive Geometry—a text book is used and lectures with recitations are held upon problems there stated. A drawing period for each lecture period is provided to give time for original problems, which include orthographic projections, intersections and development of surfaces, shades and shadows. Prerequisite, Elementary Geometry. One year; two and three hour periods, which include lecture and drawing periods; four hours credit.

PUBLIC SPEAKING

PROFESSOR OWEN

I. THE FUNDAMENTALS OF PUBLIC SPEAKING. Numerous short selections for analysis of thought and drill in proper control of respiratory and vocal organs. Text book: Shurter. One hour per week. Open to Freshmen and Sophomore classes. No credit.

II. DEBATE AND ORATORY. Texts used are Denney, Duncan and McKinney's *Argumentation*, Philips' *Effective Public Speaking*. Each student will prepare and deliver two orations and two debates. Practice in preparing briefs, drill in delivery will continue throughout. Two hours per week. Open to students who have completed Course I.

III. INTERPRETATIVE study of two plays of Shakespeare, of one modern play, of some verse from best nineteenth century writers. Two hours per week. Open to students who have completed Course I.

GRADUATE COURSES

The College gives opportunity to its own graduates and those of other institutions to do graduate work. Under the direction of the Faculty, courses will be outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give class room instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degree upon such as complete creditably the prescribed course and submit an approved thesis.

Full work for the Master's degree comprises the satisfactory completion of three graduate courses, not more than two of which shall be in any one department. The time for the completing of the course is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Under no circumstances will a degree be conferred for less than full two years of non-resident work. Final examinations must in all cases be conducted at the College; others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, \$5.00; examination, \$10.00; diploma, \$5.00.

For further information, address the President.

THE ACADEMY

FACULTY OF THE ACADEMY

REV. H. D. HOOVER, A. M., PH. D.
President of the College and Instructor

REV. W. K. HILL, A. M., SC. D.
Instructor in Chemistry

JUSTIN L. VAN GUNDY, A. M., PH. D.
Instructor in Greek

LESTER IRWIN ZIMMERMAN, B. S.
Instructor in Physics and Biology

WALLACE S. MURRAY, A. B.
Instructor in German

EMMA J. BELL, B. S.
Instructor in English and History

EMILY C. PENNOCK, B. S.
Instructor in Latin and History

MABLE HOPE MARTINIS, A. B.
Instructor in Bible

DEENA THOMPSON, B. S.
Instructor in Mathematics

WORK OF THE ACADEMY

The Academy is under the immediate direction of the Faculty of the College. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for College, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place the work of the Academy is designed to furnish for young men and women who may be denied the advantage of a college course, as much training and culture as is possible in four years of secondary school work, under the most favorable conditions of atmosphere and environment.

Sixteen units of credit are required for graduation. A unit is the amount of work involved in five (or four) recitations each week for an entire year. Each student in the Academy is expected to pursue regularly not more than five subjects, one of which shall be Bible study (two hours), in all aggregating not more than twenty recitation periods per week. Deviation from this arrangement can be made only with the approval of the Faculty. Ordinarily four years will be necessary to secure the required sixteen units of credit; nevertheless, students of maturity of mind and in good health may be able to meet the requirements in less time, and will be given every opportunity to do so.

The subjects required of students preparing for subsequent work in college are indicated under college entrance requirements on page 23. The study of Physics is required for graduation.

Students who desire to take a general course in the Academy without preparing for College will be permitted to enter any classes for which their previous training fits them, provided the studies selected do not conflict on the schedule of recitations.

Students who have finished the eighth year work in the public schools of the county and schools of similar grade, will be prepared to enter the first-year class of the Academy.

Diplomas will be granted to all students who have completed any one of the regular courses of the Academy.

The graduates of our Academy are entitled to admission on certificate to any of the institutions having membership in the North Central Association of Universities and Colleges. This association is composed of all the leading universities and colleges of the north central states, including Ohio on the east and Kansas and Colorado on the south and west.

COURSES OF STUDY

FIRST YEAR

ENGLISH D. Grammar and Composition. English Classics.

HISTORY D. Greek History, first semester. Roman History, second semester.

MATHEMATICS D. Algebra.

LATIN D. Beginning Latin.

SCIENCE D. Physiology, first semester. Physical Geography, second semester.

BIBLE D. Life and Works of Jesus; Murray. Bible Geography.

SECOND YEAR

ENGLISH C. Practical Rhetoric and Composition. English Classics, college requirements.

MATHEMATICS C. Geometry, Plane.

HISTORY C. Mediæval History, first semester. English History, second semester.

LATIN C. Cæsar. Latin Prose.

SCIENCE C. Zoology, or Botany.

BIBLE C. Life of Paul; Leacock. Bible Biography.

THIRD YEAR

- ENGLISH B. Practical Rhetoric and Composition. English Classics, college requirements.
- HISTORY B. United States History. Civics.
- LATIN B. Cicero. Latin Prose.
- GREEK B. Beginning Greek.
- SCIENCE B. Chemistry.
- GERMAN B. Beginning German. See German Ia in College Courses.
- BIBLE B. Men of the Old Testament; Willman. Bible Teachings.

FOURTH YEAR

- ENGLISH A. Practical Rhetoric and Composition.
- MATHEMATICS A. Algebra, first semester. Geometry, Solid, or Astronomy, second semester.
- SCIENCE A. Physics.
- LATIN A. Vergil. Prosody and Mythology.
- GREEK A. Xenophon's *Anabasis*.
- GERMAN A. See German Ia in College Courses.
- BIBLE A. Studies in Letters of Paul. Bible Literature.

BIBLE TRAINING DEPARTMENT

UPON THE JOHN C. MARTIN FOUNDATION

This department was brought into existence by the generosity of Mr. John C. Martin of New York City, and aims to meet a genuine need of the young people of to-day.

The Bible has had a tremendous influence upon the literature, education, and civilization of mankind. One who would thoroughly understand history must have a more or less complete knowledge of the Scriptures. Bible study is receiving greater attention to-day than ever before. Many eminent scholars have devoted their lives to the study and teaching of its truths. In harmony with this new interest in the great source Book, and in answer to the needs of the age, Carthage College offers a strong course of instruction in Biblical History, Literature, Philosophy, Ethics, Archæology, and Pedagogy. The text books have been prepared by experts in this country and abroad, and are used in the best schools of the land.

For detailed information, see description under Biblical History and Literature, page 33; and also an outline of academy studies, pages 51 and 52. For complete information, address the President.

SCHOOL OF MUSIC

VOICE

MISS DAVIDSON

It is the aim of this department to present voice culture as an art and a science worthy the sincere consideration of the scholarly mind and not as a mere accomplishment; as a part of that culture which makes for broad education, not as a means merely to some professional end.

That method of voice production will be presented which will best preserve and strengthen the natural beauty of the voice and develop overtones of artistic quality.

That class of vocal music will be studied which will help to cultivate high musical ideals and broaden the intellectual horizon.

The following course is open to those who are capable of acceptably doing the work. It is not necessary that the pupil should be highly gifted musically, but he should have a natural love for music, a fair degree of health, a correct ear, and freedom from any abnormal condition of the vocal organs.

No definite length of time can be specified for the completing of this course, as the voices of some will develop more rapidly than others, and as some will more readily accomplish the work than others. Candidates for graduation are required to take at least four years of work and, as a rule, no one should hope to graduate from this department under twenty years of age, as a young, undeveloped voice is incapable of doing the work prescribed in the latter part of the course.

COURSE IN VOICE

Exercises in breathing, tone placing, tone development and flexibility, sight reading and enunciation continue throughout the entire course, as do the study of musical form, artistic interpretation and expression.

Marzo's *The Art of Vocalization* will be used during the first year as a basis for technical study. This includes a methodically graded course in scales, arpeggios embellishments, etc., and in selected vocalizes by such composers as Panofka, Cancone, Nara, Panseran, Lütgen and others.

After the first year arias from the operas of the 17th, 18th and 19th centuries are substituted for vocalizes.

The scope of songs to be studied is wide. This includes lyrical songs of the Elizabethan period, especially Shakespeare's songs, the folk songs of various nations, Cadman's arrangement of the tribal melodies of the North American Indian, and spirituals of the Southern negroes.

Songs by composers of the following schools of music, German, French, Norwegian, Russian, Italian, English and our own representative American composers. Arias from the oratorios, arias from Wagner's music dramas, and from still later operas of the French, German and Italian schools.

Each year a limited number of songs are thoroughly studied, but much of the work outlined above is in the nature of required reading, that is, the songs are sung over, so that the pupil may become acquainted with the characteristics of a certain composer, period or school of music.

The following are some of the composers whose music is included in this course: Schubert, Schumann, Brahms, Wagner, Richard Strauss, Rossini, Verdi, Mascagni, Puccini, Baito, Massenet, Thomas, Bizet, Gounod, Saint-Saëns, Debussy, d'Indy, Charpentier, Grieg, Smetana, Arensky, Dvorak, Glinka, Reger, Missangski, Tchaikowsky, Purcell, Bishop Arne, Sullivan, Elgar, Liza Lehmann, Coleridge-Taylor, Busch,

Mr. Dowell, Chadwick, Nevin, Rummel, La Forge, Cadman, Hadleg, Mrs. H. H. A. Busch, Griffes.

GRADUATION

Candidates for graduation must have a general education equal at least to a high school course, must have had one year of German, French, Harmony, and History of Music, and must have completed the second grade in piano.

Candidates must also have undoubted musical taste and ability, must be able to sing at sight, be able to interpret and render songs artistically, and are required to give a graduating recital.

Candidates for graduation will be the only pupils permitted to appear in individual recital or to appear in recital as the only representative of the voice department.

QUARTET WORK

The study of four-voiced choruses and song cycles is offered to music students free of charge to develop ability in sight singing.

GLEE CLUBS

Boys' and Girls' Glee Clubs are formed for the study of glees and choruses of a classical and semi-classical nature.

CHORAL SINGING

Work along this line will consist of note reading and the study of choruses from the simplest four-voiced song forms to the great choruses from the oratorios and operas. The class is open to all who have sufficient musical knowledge to do the work.

HARMONY

Foot & Spaulding's *Harmony* will be used as a text book, but pupils will be required to do much original work.

MUSIC HISTORY

Hamilton's *Outlines of Music History* will be used for text, with supplementary reading. All sincere students of music should not fail to take the above two studies, as otherwise an intelligent understanding of the art is impossible.

PIANO DEPARTMENT

MISS KOCH

It is the aim of this department to give to those who come under its supervision the best musical education possible, and to awaken aspirations for the highest ideals in art and every day life as well. To do this, pupils are advised to take as much of the theoretical work as possible in addition to the work in piano. In order to stimulate greater interest, pupils are urged to make use of every opportunity to hear good music, and to keep in touch with the happenings of the musical world. To further broaden their ability to interpret, pupils are urged to avail themselves of their opportunities and take courses in other departments as they have time for them. The following course of study is not rigidly followed, but selections are made as the need and individuality of the pupil require, as it is the aim of the department to develop well-rounded musicians, capable of expressing individual ideas in the interpretation of the compositions studied. Mere mechanical skill will, therefore, not suffice. Such skill is simply a means in interpretation.

ELEMENTARY

Fundamental principles of technique and phrasing, and their application in such compositions as the following: Mrs. Crosby Adams' *First Lessons at the Piano*; Tchaikowsky's *Album for the Young*; Schumann's *Album for the Young*; Bach's *Two Part Inventions*; Heller's *Preludes and Etudes*; Reinecke's *Sonatas*.

INTERMEDIATE

Further work in technique, and such compositions as the following: Mozart's *Sonatas*, Haydn's *Sonatas*, some of the easier Beethoven *Sonatas*, Bach's *Three Part Inventions*, MacDowell's *Woodland Sketches* and *Sea Pieces*, Schubert's *Moments Musicaux* and *Impromptus*, Mendelssohn's *Songs Without Words*, Chopin's *Nocturnes*, *Waltzes* and *Mazurkas*, Liszt's *Liebestraum*, etc.

ADVANCED

Further work in technique, and such compositions as the following: Grieg's *Sonata* and *Ballade*, Brahms's *Sonata* and *Intermezzo*, Beethoven's *Sonatas*, Schumann's *Sonata* and *Etudes Symphonic*, Chopin's *Etudes*, *Scherzos* and *Ballades*, Liszt's *Etudes* and *Concertos*, Saint Saen's *Concerto*, Rubenstein's *Concerto*, etc.

EQUIPMENT

There are in the piano teacher's studio, which is situated in the main building, two pianos, an upright and a grand, also a clavier. A Mason & Hamlin grand piano is kept at the Trinity Lutheran Church, where all recitals are held, for recital use only. Several practice rooms are available for those who desire to practice at the College.

ENSEMBLE CLASS

To develop the pupils in ability to read at sight and in accuracy of rhythm, ensemble work is given once a week. No extra charge is made, and the work is open to all capable of doing it. Compositions which can be arranged for two pianos, but not readily adapted for solo work, such as the Dvorak *New World Symphony*, are used.

TECHNIQUE

Special work in technique will be given either in classes or privately. Different technical forms will be studied, followed by a study of the Chopin, Schumann and Liszt *Etudes* taken from a technical standpoint.

NORMAL TRAINING

This work is open only to those whom the teacher considers ready for such a course. The pupil must be taking other work in the department and be far enough advanced to understand the subject matter which will be discussed. A study of the muscles of the arm and hand, their functions and the means of developing them, will be taken up. A review of the different kinds of technique and their uses will be made, also a review of the rules and principles of phrasing, interpretation, rhythm and reading. The matter of selecting pieces suitable for different types of individuals and their needs, will be thoroughly discussed. The lectures will be practically illustrated by actually teaching in the presence of the class. Teaching work will be assigned each member, and the result criticised before the class.

RECITALS

Frequent recitals are given by the pupils capable of taking part, so as to accustom them to playing in public and that all may become familiar with the various compositions being studied. Numerous recitals are also given by the faculty of the music department. Other opportunities for hearing good music are offered by the college organizations, such as the Boys' Glee Club, the Girls' Glee Club, Choral Society, and the Y. M. and Y. W. C. A., who furnish several musical numbers in their annual lecture course.

The requirements for completing a course are a year's work in the history of music, two years of harmony and an amount of work in piano deemed satisfactory to the instructors, the length of time depending upon the ability and industry of the pupil.

ORGAN

Those intending to take work in pipe organ playing are urged to supplement it with work on the piano and in the theory of music, when possible. The fundamental principles of technique, both manual and pedal, rhythm, sight reading

and phrasing are taught. Especial attention is paid to interpretation and registration. Such works as Lemmen's *Organ School*, Mendelssohn's *Organ Sonatas*, Bach's *Fugues*, Guilman's *Practical Organist*, Dubois' *Toccata*, are used.

HARMONY

Two years will be required satisfactorily to complete the course in harmony. The work may be taken privately or in classes, either once or twice a week. Foote and Spaulding's *Harmony* will be used as a text. The work will include study in ear training in connection with the other requirements. Especial attention is given to original composition.

HISTORY

The course in the history of music is intended to cover a year's work. Untersteiner's *History of Music* will be used as a text, supplemented by outside reading.

RULES AND REGULATIONS

Instructors are not required to make up lessons lost through the absence of a pupil.

No deductions will be made for omitted lessons except in case of protracted illness.

Special vocal coaching for work outside the course will be given only to advanced pupils, and then on the condition that it does not interfere with the regular work.

Two years of ensemble work are required of graduates in the piano department.

All pupils are required to take part in pupils' recitals, which will be given from time to time during the year.

A statement of the work done by the pupil will be given if so desired.

For fees in music see page 22.

PHYSICAL CULTURE FOR WOMEN

MRS. BONNIE JANET ZIMMERMAN

It is our aim in this department to promote the physical well-being of each student, that the body may be made the sustaining and propelling power for the student's mental activity during the whole period of her college training, and also fitted for the performance of the duties of later life. The importance of daily exercise is emphasized, and the work undertaken of correcting physical irregularities and of promoting grace and ease in carriage. A variety of exercises is used, comprising esthetic exercises and drills for general physical development, both with and without apparatus.

PHYSICAL CULTURE FOR MEN

MR. BAIRD

Every man in college is required to take two hours' gymnasium work per week, or its equivalent in out-door athletics, for which one-half of a credit is given.

During the fall the men play football and have a moderate number of games scheduled with other institutions of learning, the object being to give added interest in out-door exercise by giving men something extra for which to play, besides the mere daily routine. Men gain an additional benefit by meeting others in clean, honest games.

Carthage College can boast of a better gymnasium than many institutions of five or six times its enrollment. After Thanksgiving the men go into the gymnasium, taking regular drills in Indian club, bar bell, dumb bells and free hand movements, together with work on the French horse, ladders, parallel and horizontal bars. Much interest is taken in basket ball, and teams from neighboring schools and cities are played.

After March 1, track athletics are taken up and in-door and out-door interclass meets are held; also track meets with as many other colleges as time will permit.

The College Athletic Field is well equipped with 120-yard cinder path, jumping and vaulting places, ample room for the hurling of the weights, a good blue grass gridiron, a quarter-mile track and base ball diamond. It is convenient to the gymnasium, and is not surpassed by any such fields in this part of the country.

Carthage College's ideal of a man is one who is intellectual, and who has a physique which is not a disgrace to his intellect.

STUDENTS

THE COLLEGE

GRADUATE

| | |
|-------------------------|----------------------|
| Badger, Roy Mareen..... | Beatrice, Nebraska |
| Cannon, Blanche..... | North Liberty, Iowa |
| Herbst, J. M..... | Nachusa |
| Juchhoff, Edna | Chicago |
| Little, Roy | Beirut, Syria |
| Rand, Lucile | Augusta |
| Reichle, C. D..... | Milwaukee, Wisconsin |

SENIOR

| | | |
|------------------------|------------|----------|
| Foley, James Turner | Scientific | Plymouth |
| Hill, William Griffith | Scientific | Carthage |
| O'Harra, Gladys June | Scientific | Carthage |
| Poland, Earl Wilber | Classical | Hamilton |
| Taylor, Stephen T. | Scientific | Carthage |

JUNIOR

| | | |
|-------------------------|------------|---------------|
| Carlson, Esther Alfreda | Classical | Cherry Valley |
| Dorow, Elizabeth Sylvia | Classical | Golden |
| Dorow, Erna Adelaide | Classical | Golden |
| Martin, Edward Stephen | Scientific | Carthage |
| O'Harra, Roswell Burner | Scientific | Carthage |
| Parker, Karr | Scientific | Carthage |
| Swaney, Dennis David | Classical | Nokomis |
| Swaney, Luther Ambrose | Scientific | Nokomis |
| Vornholt, Ellen Louise | Scientific | Lisbon, Iowa |
| Walker, Hale Junius | Scientific | Carthage |
| Welge, Lynn Oscar | Scientific | Hillsboro |

SOPHOMORE

| | | |
|---------------------------|------------|---------------------|
| Alford, Letha | Scientific | Clayton |
| Berry, Frieda Coreene | Classical | Carthage |
| Chevillon, Ruth | Classical | Carthage |
| Clark, Mary | Classical | Carthage |
| Clark, Nellie Marie | Classical | Polo |
| Craig, Florence Margaret | Scientific | Carthage |
| Getzendaner, Mark Abraham | Scientific | Polo |
| Hartman, Raymond Miles | Scientific | Mt. Carroll |
| Loomis, Arthur Tull | Scientific | Dallas City |
| Scofield, Harriet | Scientific | Carthage |
| Snyder, Harmon Milton | Classical | Polo |
| Webb, Jasper Kent | Scientific | Niota |
| Williams, Susan Kathryn | Classical | Fort Stockton, Tex. |

FRESHMAN

| | | |
|-----------------------------|------------|-----------------|
| Bannen, Hugh Francis | Classical | Rockford |
| Blancke, Mary Edna | Scientific | Davenport, Iowa |
| Blancke, Lillian Edith | Scientific | Davenport, Iowa |
| Carlton, Claud | Scientific | Carthage |
| Cherrill, Elizabeth Goodwyn | Classical | Carthage |
| Coppin, Edith | Classical | Carthage |
| Crawford, Carroll | Scientific | Freeport |
| Eicken, Adolf John | Scientific | LaPrairie |
| Gent, John Jacob | Classical | LaGrange, Mo. |
| Hackett, Martin | Scientific | Carthage |
| Hartzell Franklin M. | Scientific | Carthage |
| Hill, Katharine Kuhns | Scientific | Carthage |
| Hill, Robert McLaughry | Scientific | Carthage |
| Krauss, Daniel | Scientific | Jonesboro |
| McArthur, Leland Griffin | Classical | Hamilton |
| Parker, Beryl | Classical | Carthage |
| Parker, Lockie | Scientific | Carthage |
| Pumphrey, Elizabeth M. | Scientific | Carthage |
| Shupe, George P. | Scientific | Mendon |

STUDENTS.

65

| | | |
|-------------------|------------|----------|
| Sympson, Enid | Scientific | Carthage |
| Wible, Mary Ethel | Scientific | Mendon |

SPECIAL

| | | |
|-------------------------|-----------|-------------|
| Bell, Earl | - - - - - | Carthage |
| Listman, Phœbe Irene | - - - - - | Beardstown |
| O'Haver, William Russel | - - - - - | Denver |
| Murphy, Lester Otis | - - - - - | Dallas City |

THE ACADEMY

FOURTH YEAR

| | | |
|-------------------------------|-----------|-----------|
| Ayers, David Homer | - - - - - | Warsaw |
| Botts, Forest Eliza | - - - - - | Plymouth |
| Crane, Nettie Florence | - - - - - | McConnell |
| Griffiths, Gertrude Elizabeth | - - - - - | Pontoosuc |
| Harris, Albert | - - - - - | Ferris |
| Johnson, Mable Corrinne | - - - - - | Chicago |
| Jones, William Emmanuel | - - - - - | Carthage |
| Lawless, Carl Emerson | - - - - - | Carthage |

THIRD YEAR

| | | |
|--|-----------|-----------|
| Beckstrand, Otto Garfield | - - - - - | Rockford |
| Carlin, Carl Ernst | - - - - - | Clayton |
| Carlin, Wilbur Earl | - - - - - | Clayton |
| Cox, Eva Pearl | - - - - - | Carthage |
| Fleming, Chester | - - - - - | Denver |
| Griffiths, Grace | - - - - - | Pontoosuc |
| Hendricks, James Harold | - - - - - | Carthage |
| Hill, Lewis Rowland | - - - - - | Carthage |
| Roath, Virgie Jane | - - - - - | Carthage |
| Ruggles, Ada Pearl | - - - - - | Carthage |
| Schmidt, Arthur Eugene Frederick William | - - - - - | Chicago |
| Shoup, Ethel | - - - - - | Carthage |
| Swain, Thelma Ethelyn | - - - - - | Carthage |
| Windman, George Barnett | - - - - - | Carthage |

| | | | | | | | |
|------------------------|---|---|---|---|---|---|----------|
| Wolfe, Harold Edward | - | - | - | - | - | - | Carthage |
| Yetter, Bertha Chlorus | - | - | - | - | - | - | Carthage |

SECOND YEAR

| | | | | | | | |
|------------------------------|---|---|---|---|---|---|----------------------|
| Bollin, Mark Earl | - | - | - | - | - | - | Nauvoo |
| Campbell, Archie B. | - | - | - | - | - | - | Monroeville, Ind. |
| Cutler, Leota Hazel | - | - | - | - | - | - | Carthage |
| Ervin, Earl David | - | - | - | - | - | - | Carthage |
| Figge, Clyde Baird | - | - | - | - | - | - | Queen City, Mo. |
| Hamrick, Harold Frank | - | - | - | - | - | - | Burnside |
| Haynie, Helen | - | - | - | - | - | - | Buffalo Creek, Colo. |
| Hughett, Harold | - | - | - | - | - | - | Carthage |
| Ihnen, George B. | - | - | - | - | - | - | La Prairie |
| Jackson, Josephine Christina | - | - | - | - | - | - | Carthage |
| Kimmell, Eleanor | - | - | - | - | - | - | Carthage |
| Lewis, Joseph F. | - | - | - | - | - | - | Powellton |
| Martin, Aurelia | - | - | - | - | - | - | Elvaston |
| McCullough, Ruth | - | - | - | - | - | - | Carthage |
| Reeder, Eula | - | - | - | - | - | - | Bentley |
| Richards, Floyd Newton | - | - | - | - | - | - | Plymouth |
| Roasa, Greta Juanita | - | - | - | - | - | - | Elvaston |
| Ruger, Myrtle Eva | - | - | - | - | - | - | McCall |
| Simmons, Joseph F. | - | - | - | - | - | - | West Point |
| Thompson, Wayne | - | - | - | - | - | - | Carthage |
| Tripp, Charlotte Leone | - | - | - | - | - | - | Adrian |
| Windman, Earnest Paul | - | - | - | - | - | - | Carthage |
| Yetter, Eva Pearl | - | - | - | - | - | - | Carthage |
| Zimmerman, Myrtle Adah | - | - | - | - | - | - | Burnside |
| Zoechler, Benjamin | - | - | - | - | - | - | Davenport, Iowa |

FIRST YEAR

| | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---------------|
| Ashbrenner, Adelheid Emelia | - | - | - | - | - | - | Merrill, Wis. |
| Austin, Portia | - | - | - | - | - | - | Carthage |
| Dameier, Marie Henrietta | - | - | - | - | - | - | Lena |
| Davis, Alberta Lula | - | - | - | - | - | - | Timewell |
| Denton, Earl W. | - | - | - | - | - | - | Carthage |
| Fleming, Cle | - | - | - | - | - | - | Basco |

| | | | | | | | |
|---------------------------|---|---|---|---|---|---------------------|------------|
| Hill, Ralph Marchand | - | - | - | - | - | - | Carthage |
| Hobert, Earl Clarence | - | - | - | | | North Liberty, Iowa | |
| Hubbard, Andrew | - | - | - | - | - | - | Colusa |
| Hubbard, William | - | - | - | - | - | - | Colusa |
| Kent, Locie | - | - | - | - | - | - | Plymouth |
| Lenix, Bernice | - | - | - | - | - | - | Carthage |
| Lenix, Ellen | - | - | - | - | - | - | Webster |
| Lenix, Helen | - | - | - | - | - | - | Carthage |
| Lenix, Joseph E. | - | - | - | - | - | - | Carthage |
| Lovekamp, Selma | - | - | - | - | - | - | Arenzville |
| McCallister, George Lloyd | | | - | - | - | - | Denver |
| McCormick, Lisle William | | | - | - | - | - | Plymouth |
| Reed, Esther L. | - | - | - | - | - | - | Plymouth |
| Rucker, Rolland John | - | - | - | - | - | - | Carthage |
| Smith, Etna Ray | - | - | - | - | - | - | Denver |
| Stephan, Henry Adam | - | - | - | - | - | - | Carthage |
| Walker, Aurelia | - | - | - | - | - | - | Carthage |
| Wedding, Harvey Martin | | | - | - | - | - | Princeton |

SCHOOL OF MUSIC

VOICE

| | | | | | | |
|---------------------------|---|---|---|---|-----------------|----------|
| Berry, Frieda Coreene | - | - | - | - | - | Carthage |
| Blancke, Lillian Edith | - | - | - | - | Davenport, Iowa | |
| Davidson, Mary | - | - | - | - | - | Carthage |
| Doud, Mrs. Jeanette E. | - | - | - | - | - | Ferris |
| Getzendaner, Mark Abraham | | - | - | - | - | Polo |
| Greer, Nellie Deane | - | - | - | - | White Hall | |
| Hendricks, James Harold | - | - | - | - | Carthage | |
| Hill, Katherine Kuhns | - | - | - | - | Carthage | |
| Hill, Robert McLaughry | - | - | - | - | Carthage | |
| Howard, Ethel M. | - | - | - | - | Carthage | |
| Listmann, Phoebe Irene | - | - | - | - | Beardstown | |
| Martinis, Mable Hope | - | - | - | - | Carthage | |
| McMillan, Mary | - | - | - | - | Carthage | |
| McArthur, Leland Griffin | - | - | - | - | Hamilton | |
| O'Harra, Gladys June | - | - | - | - | Carthage | |

| | | | | | | | |
|-------------------------|---|---|---|---|---|---|----------------------|
| Owen, Ralph Dornfeld | - | - | - | - | - | - | Carthage |
| Pumphrey, Elizabeth M. | - | - | - | - | - | - | Carthage |
| Scott, Eugenia | - | - | - | - | - | - | Carthage |
| Symonds, Clare | - | - | - | - | - | - | Carthage |
| Symonds, Mary E. | - | - | - | - | - | - | Carthage |
| Sympson, Enid | - | - | - | - | - | - | Carthage |
| Swaney, Luther Ambrose | - | - | - | - | - | - | Nokomis |
| Walker, Helen Joy | - | - | - | - | - | - | Carthage |
| Williams, Susan Kathryn | - | - | - | - | - | - | Fort Stockton, Texas |
| Yutzy, Anna | - | - | - | - | - | - | Carthage |

MUSIC HISTORY

| | | | | | | | |
|--------------------------|---|---|---|---|---|---|----------------------|
| Berry, Frieda Coreene | - | - | - | - | - | - | Carthage |
| Blancke, Lillian Edith | - | - | - | - | - | - | Davenport, Iowa |
| Greer, Nellie Deane | - | - | - | - | - | - | White Hall |
| Lionberger, Edith Ferris | - | - | - | - | - | - | Carthage |
| McMillan, Mary | - | - | - | - | - | - | Carthage |
| Pumphrey, Elizabeth M. | - | - | - | - | - | - | Carthage |
| Sympson, Enid | - | - | - | - | - | - | Carthage |
| Williams, Susan Kathryn | - | - | - | - | - | - | Fort Stockton, Texas |

PIANO

| | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---------------|
| Ashbrenner, Adelheid Emelia | - | - | - | - | - | - | Merrill, Wis. |
| Boston, John | - | - | - | - | - | - | Carthage |
| Botts, Forest Eliza | - | - | - | - | - | - | Plymouth |
| Bruce, Helen | - | - | - | - | - | - | Carthage |
| Bush, Evelyn | - | - | - | - | - | - | Carthage |
| Cherrill, Elizabeth Goodwin | - | - | - | - | - | - | Carthage |
| Clark, Mary | - | - | - | - | - | - | Carthage |
| Cundiff, Elsie | - | - | - | - | - | - | Carthage |
| Davidson, Mary | - | - | - | - | - | - | Carthage |
| Davis, Neva | - | - | - | - | - | - | Carthage |
| Flynn, Ethel | - | - | - | - | - | - | Carthage |
| Flynn, Lelia | - | - | - | - | - | - | Carthage |
| Frazer, Mrs. W. P. | - | - | - | - | - | - | Carthage |
| Graham, Helen | - | - | - | - | - | - | Bowen |
| Greer, Nellie Deane | - | - | - | - | - | - | White Hall |

STUDENTS.

69

| | | | | | | | | |
|--|---|---|---|---|---|---|---|--------------|
| Hartzell, Eloise | - | - | - | - | - | - | - | Carthage |
| Helfrich, Marie | - | - | - | - | - | - | - | Carthage |
| Hill, William Griffith (Post Graduate) | | | | | | - | - | Carthage |
| Hoch, Helen | - | - | - | - | - | - | - | Carthage |
| Ihnen, George | - | - | - | - | - | - | - | La Prairie |
| Krieg, Gratia | - | - | - | - | - | - | - | Carthage |
| Kunkel, Grace | - | - | - | - | - | - | - | Carthage |
| Lewis, W. D. | - | - | - | - | - | - | - | Carthage |
| Lionberger, Edith Ferris | | | - | - | - | - | - | Carthage |
| Listman, Phœbe Irene | - | - | - | - | - | - | - | Beardstown |
| Lovecamp, Selma | - | - | - | - | - | - | - | Arenzville |
| Lyon, Emily | - | - | - | - | - | - | - | Carthage |
| McMillan Mary | - | - | - | - | - | - | - | Carthage |
| Newcomer, Mary Tressler | | | - | - | - | - | - | Carthage |
| Owsley, Miriam | - | - | - | - | - | - | - | Carthage |
| Risse, Bernard | - | - | - | - | - | - | - | Carthage |
| Risse, Robert | - | - | - | - | - | - | - | Carthage |
| Robinson, Ava | - | - | - | - | - | - | - | Carthage |
| Ruger, Myrtle Eva | - | - | - | - | - | - | - | McCall |
| Symonds, Mary | - | - | - | - | - | - | - | Carthage |
| Talbot, Bernice | - | - | - | - | - | - | - | Carthage |
| Talbot, Ruth | - | - | - | - | - | - | - | Carthage |
| Vornholt, Ellen Louise | - | - | - | - | - | - | - | Lisbon, Iowa |
| Walker, Aurelia | - | - | - | - | - | - | - | Carthage |
| Walker, Helen Joy | - | - | - | - | - | - | - | Carthage |
| Williams, Miriam | - | - | - | - | - | - | - | Carthage |
| Yutzy, Anna | - | - | - | - | - | - | - | Carthage |
| Zimmerman, Myrtle Adah | - | - | - | - | - | - | - | Burnside |

COUNTERPOINT

| | | | | | | | |
|------------------------|---|---|---|---|---|---|----------|
| Hill, William Griffith | - | - | - | - | - | - | Carthage |
|------------------------|---|---|---|---|---|---|----------|

HARMONY

| | | | | | | | |
|-------------------------|---|---|---|---|---|---|------------|
| Greer, Nellie Deane | - | - | - | - | - | - | White Hall |
| Newcomer, Mary Tressler | - | - | - | - | - | - | Carthage |
| Sympson, Enid | - | - | - | - | - | - | Carthage |
| Talbot, Bernice | - | - | - | - | - | - | Carthage |
| Yutzy, Anna | - | - | - | - | - | - | Carthage |

SUMMARY

THE COLLEGE:

| | | |
|------------------|----|----|
| GRADUATE | 7 | |
| SENIORS | 5 | |
| JUNIORS | 11 | |
| SOPHOMORES | 13 | |
| FRESHMEN | 21 | |
| SPECIAL | 4 | 61 |

THE ACADEMY:

| | | |
|----------------------|----|-----------|
| FOURTH YEAR..... | 8 | |
| THIRD YEAR..... | 16 | |
| SECOND YEAR..... | 25 | |
| FIRST YEAR..... | 24 | 73 |
| SCHOOL OF MUSIC..... | | 61 |
| | | <hr/> 195 |
| NAMES REPEATED | | 23 |
| | | <hr/> 172 |
| TOTAL..... | | |

ALUMNI ET ALUMNAE

†OFFICERS OF THE ASSOCIATION

| | |
|------------------------------|-----------------------------|
| PRESIDENT..... | J. ARTHUR BAIRD, '00 |
| FIRST VICE PRESIDENT..... | R. W. SAER, '92 |
| SECOND VICE PRESIDENT..... | MABEL MARTINIS, '98 |
| THIRD VICE PRESIDENT..... | MRS. W. K. HILL, '82 |
| RECORDING SECRETARY..... | EMILY PENNOCK, '00 |
| CORRESPONDING SECRETARY..... | ALICE MARVEL, '97 |
| TREASURER..... | S. H. FERRIS, '82 |
| EDITOR..... | MARY TRESSLER NEWCOMER, '87 |
| BIOGRAPHER..... | DR. C. L. FERRIS, '76 |
| COLLEGE TRUSTEE..... | DR. C. L. FERRIS, '76 |

1875.

James M. Cromer, A. M., D. D., minister

2720 E. 36th Street, Kansas City, Mo.

*Ida Harris King, A. M. - - - - Prescott, Iowa

Maggie Taylor Bowers, A. M. - - - Boise City, Idaho

Kate Thummel Fisher, M. S., 20 The Green, Dover, Delaware

1876.

*Hon. George A. Anderson, A. M. - - - Quincy

*Grace Cherrill, B. S. - - - - Carthage

Ben L. Cress, M. S., civil engineer - - Red Cliff, Col.

J. M. Dempster Davidson, A. M., D. D., General Missionary, Diocese of Quincy - - - Macomb

Oscar M. Easterday, M. S. - - - Palo Alto, Cal.

*Deceased. Last residence given.

†The faculty and the officers of the Association desire to have the correct address of every graduate. It will be deemed a favor if the President of the college and the secretary of the Association be informed of errors and of changes in address.

| | | | | |
|---|---|---|---|----------------------------|
| Ina Elder, A. M., real estate agent | - | - | - | Carthage |
| Joseph C. Elder, M. S. | - | - | - | Carthage |
| Charles L. Ferris, A. M., M. D., physician | - | - | | Carthage |
| J. Q. A. Kimmel, M. S., LL. B., attorney-at-law | | | | |
| | | | | Murphysboro |
| Sophronia Nesbit, A. M. | - | - | - | Hood River, Oregon |
| *Hattie Scofield Cromer, A. M. | - | - | | Kansas City, Mo. |
| T. J. Scofield, A. M., attorney | - | | | 7221 Jeffery Ave., Chicago |
| Rose Spitler Scofield, A. M. | - | - | - | Carthage |
| Judge A. A. Wolfersperger, M. S., attorney-at-law | | | | Sterling |

1877.

| | | | | |
|--|---|---|---|-----------------------|
| *George H. Albright, A. M. | | | | |
| *Jennie Fletcher, M. S. | - | - | - | Carthage |
| Mary Hawley Findley, M. S. | - | - | - | Wichita, Kansas |
| *Addie Logan Ray, A. M. | - | - | - | Chester |
| Laura A. Manier, A. M., music teacher | - | - | | Carthage |
| Emma Sample Darrough, M. S. | - | - | | Red Bluff, Cal. |
| Julia Scofield McKemey, A. M. | - | - | | Fairfield, Iowa |
| Rev. James E. Weir, A. M., real estate and insurance agent | | | | |
| | | | | Grand Junction, Colo. |
| *J. J. Williams, A. M., attorney-at-law | - | - | | Carthage |

1878.

| | | | | |
|--|---|---|---|--------------------------------|
| *L. P. Cravens, A. M. | - | - | - | Lake City, Minn. |
| Maggie Cravens, A. M., teacher | - | - | - | Richland, Mo. |
| Emma J. Cromer Ladd, A. M. | - | - | - | Sheldon, Iowa |
| Charles S. DeHart, A. M., financier | - | - | - | Carthage |
| John F. Fair, A. M., M. D., physician | - | - | | Freeport |
| Junius Colton Ferris, A. M., M. E., banker | - | | | Carthage |
| William G. Gettle, A. M., minister | - | | | Table Rock, Neb. |
| E. Clark Hughes, A. M., LL. D., U. S. Dist. judge. | | | | |
| | | | | St. Paul Flats, Seattle, Wash. |
| J. Frank Kiefer, A. M., M. D., physician | - | - | | Sterling |
| George W. Loop, A. M., farmer | - | - | - | Huntsville |

Charles M. McMillan, B. S., insurance agent - Carthage
 M. G. Rohrbaugh, M. S., pres. business college
 555 S. 26th St., Omaha, Neb.

1879.

Caroline Bartlett Crane, A. M., minister - Kalamazoo, Mich.
 Alice E. Crawford Sanford, M. S. - - Palo Alto, Cal.
 *Rev. Peter Ewald, A. M.
 W. G. W. Geiger, A. M., attorney-at-law - Tipton, Iowa
 Frank H. Helsell, A. M., circuit judge Sioux Rapids, Iowa
 Scott M. Ladd, M. S., LL. D., judge supreme court
 Sheldon, Iowa
 *Flora Manier Geiger, A. M. - - - - Tipton, Iowa
 Nellie Nesbit Hunn, A. M. - - - Des Moines, Iowa
 Fernando Sanford, M. S., head professor of physics in
 Leland Stanford Jr. University - - Palo Alto, Cal.
 Albert B. Shrader, A. M., minister
 413 N. 6th St., Kansas City, Kansas
 H. M. Swope, A. M., attorney-at-law - - - Quincy
 Mary V. Thompson Harris, M. S. - - - Carthage
 Hattie L. Tillapaugh Shrader, M. S.
 413 N. 6th St., Kansas City, Kansas
 William H. Weaver, M. S., M. D., physician.

McDonoughville, La.

1880.

Stephen K. Bittenbender, A. M., farmer
 Northwestern, California
 Frank M. Campbell, M. S., M. D., physician, Claflin, Kansas
 Robert L. Casburn, M. S., M. D., physician - Dexter, N. M.
 Emma DeHart Hughes, A. M. - - - Seattle, Wash.
 Joseph G. Gilchrist, M. S., civil engineer - Brookfield, Mo.
 Minnie Gilchrist Wood, M. S. - - Ridgewood, N. J.
 Frank H. Graves, A. B., attorney,
 515 E. 16th Ave., Spokane, Wash.
 M. Blanche Griffin McArthur, M. S. - - Hamilton

W. D. Henkle, A. M., printer

13th and Dickinson Sts., Philadelphia, Pa.

Rev. Herman Juilfs, A. M. - - - White Oak, Ohio

M. Inez Robbins Bickford, M. S. - - - Plymouth

Andrew S. Zimmerman, A. M., minister - Newark, N. J.

1881.

Will O. Carlton, B. S., editor - - Newcastle, Wyo.

William F. Ebright, A. M., county superintendent of schools
North Platte, Neb.

Adelia Griffin Barnett, B. S., 2540 Prospect Ave.

Kansas City, Mo.

*Frank C. Harris, B. S. - - - Los Angeles, Cal.

Edgar F. Hurdle, B. S., farmer - - Wheatland, Wyo.

Josiah Kuhn, B. S., minister - - Atchison, Kansas

Joseph H. Miller, A. M., M. D., physician - Surprise, Neb.

*Clifford C. Musser, A. M.

Mary Overman Damrell, B. S. - - - Hastings, Neb.

*W. P. Overman, B. S.

John K. Reed, B. S., minister - - - Emerson

Walter Vanzile, B. S., farmer - - - Rowland, Ala

R. D. Zimbeck, A. M., M. D., physician, Montevideo, Minn.

1882.

Oscar E. Aleshire, A. M., insurance agent,

159 LaSalle street, Room 504, National Life Bld'g, Chicago

Stephen H. Ferris, A. M., banker - - - Carthage

A. C. T. Geiger, A. M., district judge - Oberlin Kansas

Kate Griffith Hill, A. M. - - - - - Carthage

*Francisca Hopp Geiger, A. M. - - Oberlin, Kansas

David E. Mack, A. M., attorney-at-law - - Carthage

Florence J. Mereness Tressler, M. S. - Montpelier, Ohio

George H. Schnur, A. M., minister

749 Marshall Ave., St. Paul, Minn.

*William N. Weir, B. S., M. D. - - - - Carthage

| | | | |
|-------------------------------------|---|---|-----------|
| Frank Wertz, A. M., attorney-at-law | - | - | Forreston |
| Susan Williams, M. S. | - | - | Carthage |

1883.

| | | | | | |
|---|---|---|---|---|-------|
| Alice Biery Miller, B. S. | - | - | - | - | Dixon |
| W. Henry Blancke, A. B., D. D., minister. | | | | | |

1412 Main St., Davenport, Iowa

| | | | | | |
|---|---|---|---|---|---------------|
| Fannie M. Dryden, A. M., Religieuse in Convent of Sa- cred Heart | - | - | - | - | New York City |
|---|---|---|---|---|---------------|

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|---------------------------------|---|---|---|--------------|
| Noah Fritz, A. B., manufacturer | - | - | - | Onida, S. D. |
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| *Edwin S. Hoffman, A. B. | - | - | Hornellsville, N. Y. |
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| *Mamie Hooker Daoust, A. B. | - | - | Defiance, Ohio |
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| D. Alban Kistler, B. S., publisher, World Building | | | | New York City |
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|---------------------------------------|---|---|---|------|
| Adam Schafer, A. B., Ph. D., minister | - | - | - | Reno |
|---------------------------------------|---|---|---|------|

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|------------------------------------|---|----------------|
| Henry A. Spielman, A. B., merchant | - | Topeka, Kansas |
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| Jessie Williams Hart, A. M. | - | - | Ontario, Cal. |
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| Lillie Zimmerman Schafer, A. B. | - | - | - | Reno |
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1884.

| | | | | |
|-----------------------------|---|---|---|----------|
| Roberta Brewer Risse, B. S. | - | - | - | Carthage |
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|---------------------------|---|---|---|---------------|
| Julia Ferris Hubbs, B. S. | - | - | - | Lebanon, Ore. |
|---------------------------|---|---|---|---------------|

| | |
|-------------------------------|-----------------------------------|
| E. Lee Fleck, A. B., minister | 910 S. 20th street, Lincoln, Neb. |
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| | | | | |
|--------------------|---|---|---|------------|
| Mattie Gray, B. S. | - | - | - | Elderville |
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| Olive Hosford Fleck, A. B. | - | 910 S. 20th St., Lincoln, Neb. |
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|---|--|--|--|----------|
| Lura V. Thompson, A. M., state organizer, C. W. B. M. | | | | Carthage |
|---|--|--|--|----------|

1885.

| | | | |
|-------------------------------|---|---|--------------|
| Clara Browning Johnson, A. B. | - | - | Keokuk, Iowa |
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| Minerva Holland, A. B., clerk | - | - | Carthage |
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| *W. J. Martin, A. B. | | | |
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| *A. L. Miller, B. S., M. D. | - | - | - | Dixon |
|-----------------------------|---|---|---|-------|

| | | | | |
|---|--|--|--|--------------------------------|
| George A. Rohrbaugh, A. B., teacher in business college | | | | 1330 S. 30th Ave., Omaha, Neb. |
|---|--|--|--|--------------------------------|

| | | |
|---|---|------------------|
| Ralph E. Scofield, A. B., attorney-at-law | - | Kansas City, Mo. |
|---|---|------------------|

| | | | | |
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| J. E. Williams, A. M., merchant | - | - | - | Carthage |
|---------------------------------|---|---|---|----------|

1886.

Edwin Bollman, A. M., minister - Oxford Junction, Iowa
 Sarah L. Hyde Mensel, A. B. - - Northampton, Mass.
 C. B. Lindtwed, A. B., minister - - Jersey Shore, Pa.
 Elizabeth Nace Holtgreve, A. B. - - - Washington

1887.

Paul B. Holtgreve, A. B., D. D., minister - Washington
 *Rev. John N. Hyde, A. B., missionary, Lodiana, Punjab, India
 Julia Kellogg Goldwater, A. B. - - Los Angeles, Cal.
 Abbie Kuhl Rizer, B. S. 4515 Gibson Ave., St. Louis, Mo.
 Laura McColm Dysinger, A. B.
 1518 Jacob St., Wheeling, W. Va.
 *Sallie Manier, A. B. - - - - - Carthage
 Rev. E. H. Mensel, A. M., Ph. D., Prof. of German Lan-
 guage and Literature, Smith College, Northampton, Mass.
 William H. Naffziger, A. M., minister
 119 West State St., Alliance, Ohio
 Mary Tressler Newcomer, A. M. - - - Carthage

1888.

Hugh M. Bannen, A. M., D. D., minister - - Rockford
 Albert F. Ernst, A. M., minister - Grand Island, Neb.
 Fred W. Hawley, A. M., D. D., President Henry Kendall
 College - - - - - Tulsa, Okla.
 Rev. Albert Miller, A. B., missionary - Shantifu, China
 Harry H. Whitten, A. B., M. D., physician - - Peoria

1889.

W. S. Dysinger, A. B., minister
 1518 Jacob St., Wheeling, W. Va.
 C. B. Newcomer, A. M., real estate dealer - Carthage
 Bess A. Tressler Maloney, A. B. - - - - Polo

1890.

Belle Bolton Balmer, B. S. - - - - Loomis, Cal.
 J. L. Mishler, B. S., farmer - - - - Pearl City
 L. J. Motschman, A. B., minister
 3507 N. Marshfield Ave., Chicago

1891.

Cleophas C. O'Harra, B. S., Ph. D., President of State
 School of Mines - - - - Rapid City, S. Dak.

1892.

C. B. Beckmeyer, attorney-at-law - - - Mt. Pulaski
 H. C. Funk, A. B., minister - 1816 J St., Sacramento, Cal.
 Mrs. Lillian Monk, B. L. - - - Los Angeles, Cal.
 R. W. Saer, A. B., banker - - - - - Carthage

1893.

Mollie Marvel O'Harra, B. S. - - Rapid City, S. Dak.

1894.

Rev. Will M. Beck, A. B., missionary
 Muhlenberg, Liberia, Africa
 Nellie Cherrill Merrill, B. L.
 602 Mumford Court, Kansas City, Mo.
 George C. Cromer, A. B. - - - - Louisville, Ky.
 Maggie Delo, B. S., head Latin dept., high school
 633 E. 6th St., Oklahoma City, Okla.
 Joseph Hegener, A. B., minister - Colorado Springs, Colo.
 Herbert L. Jackson, A. B., attorney-at-law Prosser, Wash.
 Penfield E. Mason, A. M., Cable Piano Co.,
 South Haven, Mich.

1895.

E. K. Cherrill, A. B., Vice President Merchants' Exchange
 National Bank - - - - - New York City

T. Edwin Gill, B. S. - 196 West Fourth St., Pueblo, Colo.
 *J. Louis Nace, A. B. - - - - - Carthage
 C. W. Ramsey, B. S., carpenter - - Hannibal, Mo.
 J. Kent Rizer, A. M., minister
 4515 Gibson Ave., St. Louis, Mo.
 *Eddy Robbins, B. S. - - - - - Carthage
 Annie E. Sanford, A. B., missionary
 1306 W. Governor St., Springfield
 O. B. Turner, A. B., farmer - - - - - Plymouth

1896.

Effie Cromer Nelson, B. S. - - - Canton, S. Dak.
 M. Isabel Felgar Wilson, B. S. - - - Ferris
 Leona May McAnulty, B. S., teacher Macomb high school
 Carthage
 John H. McCullough, A. B., minister - Burlington, Iowa
 Matie H. Schlenker, B. L., teacher,
 625 Division St., Toledo, Ohio

1897.

Matthew M. Anderson, B. L., printer - - Hamilton
 M. Golden Davidson Williams, B. S.
 3400 Chicago Ave., Minneapolis, Minn.
 Frederick W. Jasper, B. L., bookkeeper - Newton, Iowa
 Alice L. Marvel, B. S. - - - - - Carthage
 Mary C. Noyes McKee, B. S. - - - Orono, Maine
 Samuel B. Robbins, A. B. - - Colorado Springs, Colo.

1898.

*Claudius Knudton, A. B. - - - - - Chicago
 Mabel Hope Martinis, B. S., Dean of Women, Carthage
 College - - - - - Carthage
 Chas. J. Tressler, A. B., attorney, Swift & Co.
 616 W. 71st St., Chicago

| | | | |
|--|----------------|---|---------------------|
| Royal B. Brandon, B. S., farmer | - | - | Fountain Green |
| Charles C. Carlton, B. S., lawyer | | | |
| | 1338 Upas St., | | San Francisco, Cal. |
| John M. Herbst, A. B., minister | - | - | Nachusa |
| Theo. J. Jensen, A. B., medical student, | | | Breklum, Germany |
| Alfred R. Kent, B. S., lawyer and banker | - | | Peabody, Kan. |
| Philena Marvel Rand, B. L. | - | - | Bowen |
| Frederick W. Obert, B. S., M. D., physician | - | | New Minden |
| Herbert S. Salisbury, B. S., surveyor and engineer | - | | Ferris |
| Morgan L. Webb, B. S., B. D., minister | - | | Camden, Ind. |

| | |
|---|--|
| Roy M. Badger, A. B., minister | 322 N. 9th St., Beatrice, Neb. |
| James A. Baird, A. B., Physical Director Carthage College; county judge | - - - - - Carthage |
| Maud Elder Matthis, B. L. | - - - - - Hamilton |
| H. G. Ferris, B. S., traveling salesman | - - - - - Warsaw |
| Samuel Naylor, Jr., A. B., lawyer | - - - - - Carthage |
| F. H. Ottman, A. B., prin. Commercial department, high school | - - - 7209 Kedron Ave., Pittsburg, Pa. |
| Emily C. Pennock, B. S., teacher in C. C. Academy, | Carthage |
| Tilden F. Phillips, B. S., high school teacher, | Duluth, Minn. |
| Bess J. Ringheim Tressler, B. S. | 616 W. 71st St., Chicago |
| Ellen B. Schuff, A. M., missionary | - - - Gunter, India |
| Anna L. Simmons, B. S., high school principal, | Nevada, Iowa |
| Charles E. Sparks, A. M., minister | - - - Auburn, Neb. |

Lucy S. Cherrill Marsh, B. S., 828 Franklin St., Keokuk, Iowa
 Ida J. Helfrich, B. L., high school teacher - Carthage
 Harold Lee Jones, B. S., traveling salesman
 6009 Washington Ave., Chicago
 Bertha Lane Webb, B. S., - - - - Camden, Ind.

1902.

Mary E. Crotzer, B. S. - - - - - Lena
 Clyde Cutler, B. S. - - 436 Jackson Blvd., Chicago
 George H. Fonken, A. B., sec'y Y. M. C. A.
 1911 Anthony St., New York City
 Ben L. Matthis, B. S., farmer - - - - - Hamilton
 Elizabeth T. Mayor, A. B. - - - - - Carthage
 Helen M. Noyes, B. S., teacher in mathematics
 Ferry Hall, Lake Forest

1903.

John Culkin, Jr., A. B., farmer - - - - - Carthage
 Helen Ferris, A. M., teacher in English, high school
 130 W. 7th St., Oklahoma City, Okla.
 Oklahoma City, Okla.
 A. Earl Isham, A. B., D. B., minister - Muscatine, Iowa
 Ethel E. McAnulty Brown, B. S., 522 Nims St., Wichita, Kan.
 John H. McAllister, A. B. - - - - - Plymouth
 Margaret Proctor, A. B., high school teacher - Carthage
 Geo. E. Walter, A. B., lawyer, 1519 Fifth Ave., Seattle, Wash.
 Blanche Webb Scofield, B. S. 372 Stephenson St., Freeport

1904.

Harriet Davis Gibson, B. S., teacher - - - - - Oakland
 Clyde P. Johnson, B. S., state's attorney - - - Carthage
 Carrie M. McCollum Rasmussen, B. S.
 104 Gunnison Ave., Burlington, Iowa
 William D. Sifferd, B. S., theol. student Springfield, Ohio
 Anna M. Wilhelmsen Picard, A. B., missionary Mission
 Protestante - - - - - Fort Dauphin, Madagascar
 O. W. Williams, B. S., surveyor - - - - - Hope, N. M.

1905.

Frederick A. Johnson, A. B., minister - Fowler, Ind.
 Marie Rosenstengel Sanford, B. S. 918 North St., Peoria

Cora Listmann, grad. in music, teacher of music, Beardstown
Helen R. Shrader Kent, grad. in music.

3318 Garfield Ave., Kansas City, Mo.

Edith Gunn Seebirt, grad. in music, teacher, South Bend, Ind.

Maud Hewitt, grad. in music, clerk - - Beardstown

1906.

*Tressler Barr, B. S. - - - - Fountain Green

William R. Frerichs, A. B., minister - Hillsboro, Oregon

Bessie Noble Guthrie, A. B., teacher - - Pontoosuc

Clifton J. O'Harra, B. S., LL. B., lawyer - - Carthage

Erma Rand O'Harra, A. B. - - - - Carthage

William Webb, B. S., LL. B., lawyer

University Club, Bridgeport, Conn.

Earl W. Wood, B. S., lawyer - - - - Hamilton

Edythe Burnette McCallister, grad. in music - Bentley

Etta Galloway Hooker, grad. in music - Altus, Okla.

Jessie Kirkpatrick Smith, grad. in oratory - Carthage

1907.

James D. Baird, LL. B., B. S., city attorney - Carthage

Emma J. Bell, B. S., instructor in C. C. Academy, Carthage

Eugenia M. Bell, B. S., teacher - - Dollar Bay, Mich.

Ruth Ferris, M. S., high school teacher - - Quincy

Helen Griffith, B. S. - - - - Carthage

J. C. Helms, B. S., LL. B., lawyer

500-8 Majestic Bldg., Oklahoma City, Okla.

Alma Kammerer, A. B., high school teacher - Beardstown

Jessie Kirkpatrick Smith, A. B. - - - - Carthage

Alice M. Listmann Sundberg, B. S. - Ottumwa, Iowa

*Frank Nord, A. B. - - - - Davenport, Iowa

Edith O'Harra Walker, B. S. - - - - Keokuk, Iowa

Deena Thompson, B. S., teacher in Carthage College, Carthage

Laura Schwab Thompson, grad. in music - Superior, Wyo.

1908.

George T. Crossland, B. S., J. D., lawyer.

5643 Drexel Ave., Chicago

Alfred Heitman, A. B., principal high school - Washington

Carl A. Sundberg, A. B., D. B., minister - Ottumwa, Iowa

Henry S. Walker, B. S., LL. B., lawyer - Keokuk, Iowa

1909.

Paul A. Buelow, A. B., theological student. Atchison, Kan.

Ola Huston, A. M., high school teacher Shenandoah, Iowa

Leonard F. Martin, B. S., law student Ann Arbor, Mich.

Lee Siebenborn, B. S. - - 3554 W. 15th St., Chicago

Carl Walter, B. S., insurance agent

1522 Taylor Ave., Seattle, Wash.

Hazel Hammond Walters, grad. in music - Seattle, Wash.

Lessie Felgar, grad. in music, music teacher - West Point

1910.

Clifford Everhart, A. B., teacher in high school - Carthage

Forrest L. Harnest Callihan, B. S. - - - Galesburg

Flossie Harris, A. B., teacher in high school, Grant City, Mo.

Clarence Hightower, A. B., minister - - - Lancaster

Alma Horney, B. S., clerk - - - - - Carthage

Lawrence Huey, B. S., magazine general agent

311 Sheridan Ave., Danville, Ind.

Edna B. Huston, A. B., high school teacher, Shenandoah, Ia.

Roy Little, A. B., teacher in Syrian Protestant College

Beirut, Syria

Lewis W. Rupp, M. A., teacher in Academy, Allentown, Pa.

Christian P. Tranberg, A. B., theological student Maywood

Grace Mack, grad. in oratory, stenographer - Carthage

1911.

Blanche Cannon, A. B., principal high school

North Liberty, Iowa

Blanche Chevillon, B. S., teacher in high school - Odell

| | | |
|--|-----------------|--------------|
| Lenore Chevillon, B. S., teacher in high school | - | Metropolis |
| Floy Davidson, A. B., teacher in high school | Union, Oregon | |
| Grace Davidson, A. B., teacher in high school | Custer, S. D. | |
| William Getzendaner, B. S., fruit grower | Trinidad, Wash. | |
| Harry Hartman, B. S., teacher in high school | Marengo, Iowa | |
| Esther Hill, B. S. | - - - - - | Carthage |
| Ada Hoover, B. S., grad. student University of Illinois, | | Urbana |
| Carrie Lipe, B. S., teacher in high school | - | Butler, Ind. |
| Cora Lipe, B. S., teacher in high school | - - | Nokomis |
| Pearl Martin, B. S., teacher | - - - - | Burnside |
| Hazel McCreary, A. B., teacher in high school | - | Clayton |
| George Nethery, B. S., banker | - - - - | Quincy |
| James Nethery, B. S., banker | - - - - - | Quincy |
| Lucile Rand, A. B., teacher in high school | - - | Augusta |
| Minnie Rosenstengel, B. S. | - - - - | Carthage |
| Orlo Slater, B. S., grad. student, Princeton University | | |
| Luther Walter, B. S., student, Gem City Business College | | Quincy |
| William Hill, grad. in music, teacher in C. C. School of | | |
| Music | - - - - - | Carthage |

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CARTHAGE COLLEGE BULLETIN

Vol. 2; Series 2

APRIL, 1913

Number 5

Entered March 14, 1904, at Carthage, Illinois, as second-class matter, under
Act of Congress, July 16, 1894

Carthage College

1912-1913

Incorporated January 10, 1870.

First Commencement May 4, 1875

Calendar 1913

| JANUARY | | | | | | | FEBRUARY | | | | | | | MARCH | | | | | | | APRIL | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|
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| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 26 | 27 | 28 | 29 | 30 | 31 | ... | 23 | 24 | 25 | 26 | 27 | 28 | ... | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 27 | 28 | 29 | 30 | ... | ... | ... |
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| MAY | | | | | | | JUNE | | | | | | | JULY | | | | | | | AUGUST | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
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| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 29 | 30 | ... | ... | ... | ... | ... | 27 | 28 | 29 | 30 | 31 | ... | ... | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 31 | ... | ... | ... | ... | ... | ... |
| SEPTEMBER | | | | | | | OCTOBER | | | | | | | NOVEMBER | | | | | | | DECEMBER | | | | | | |
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| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | ... | ... | ... | ... | 26 | 27 | 28 | 29 | 30 | 31 | ... | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 28 | 29 | 30 | 31 | ... | ... | ... |
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Calendar 1914

| JANUARY | | | | | | | FEBRUARY | | | | | | | MARCH | | | | | | | APRIL | | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|---|
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
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| MAY | | | | | | | JUNE | | | | | | | JULY | | | | | | | AUGUST | | | | | | | |
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| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 28 | 29 | 30 | ... | ... | ... | ... | 26 | 27 | 28 | 29 | 30 | 31 | ... | 23 | 24 | 25 | 26 | 27 | 28 | 29 | |
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| SEPTEMBER | | | | | | | OCTOBER | | | | | | | NOVEMBER | | | | | | | DECEMBER | | | | | | | |
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| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| 27 | 28 | 29 | 30 | ... | ... | ... | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 29 | 30 | ... | ... | ... | ... | ... | 27 | 28 | 29 | 30 | 31 | ... | ... | |

COLLEGE CALENDAR

1912

September 4, Wednesday.....Registration Day
September 5, Thursday.....First Semester Begun
November 28-29.....+.....Thanksgiving Recess
December 20, Friday 4:30 p. m...Holiday Recess Begun

1913

January 7, Tuesday 8:15 a. m.....Holiday Recess Ended
January 22, Wednesday.....First Semester Closed
January 23, Thursday.....Second Semester Begun
March 21, Good Friday.....Holiday
May 15Senior Theses due

COMMENCEMENT WEEK

May 25, Sunday, 11 a. m.....Annual Sermon on Education
May 25, Sunday, 8 p. m.Baccalaureate Sermon
May 26, Monday, 8 p. m.....Academy Commencement
May 27, Tuesday, 10 a. m.....Annual Meeting Board Trustees
May 27, Tuesday, Music Day, Recital, Department of Music
3 p. m.
May 27, Tuesday, 8 p. m.....Annual Meeting Alumni Association.
May 28, Wednesday, 10 a. m..Commencement
May 28, Wednesday, 2 p. m.....Athletic Field Day

SUMMER VACATION

August 25, Monday.....Application Blanks due
September 2, TuesdayRegistration of new students
September 3, WednesdayRegistration of old students
September 4, Thursday, 10 a.
m.First Semester Begins
November 27-28Thanksgiving Recess
December 19, Friday, 4:30 p.
m.....Holiday Recess Begins

1914

January 6, Tuesday 8:15 a. Holiday Recess Ends
m.
January 21, WednesdayFirst Semester Ends
January 22, ThursdaySecond Semester Begins.

BOARD OF TRUSTEES

SYNOD OF NORTHERN ILLINOIS

| | |
|-----------------------------------|------------|
| REV. H. M. BANNEN, D. D..... | Rockford |
| REV. PAUL B. HOLTGREVE, D. D..... | Washington |
| MR. HENRY DENHART | Washington |
| A. THUMMEL | Sterling |

SYNOD OF IOWA.

| | |
|------------------------------------|--------------------|
| REV. WILLIAM H. BLANCHE, D. D..... | Davenport, Iowa |
| REV. CHARLES W. MAGGART, D. D..... | Cedar Rapids, Iowa |
| MR. ANDREW HANS..... | Nevada, Iowa |

WARTBURG SYNOD.

| | |
|--------------------------------------|------------|
| REV. WILLIAM ROSENSTENGEL, D. D..... | Carthage |
| REV. BRUNO GARTEN..... | Arenzville |

SYNOD OF CENTRAL ILLINOIS.

| | |
|------------------------------|-----------|
| REV. EZRA KELLER, D. D. | Hillsboro |
| HON. AMOS MILLER..... | Hillsboro |

SYNOD OF SOUTHERN ILLINOIS.

| | |
|------------------------|-------------|
| REV. H. L. MCGILL..... | Anna |
| MR. PHILIP FAGER..... | Murphysboro |

TRUSTEES FOR HANCOCK COUNTY.

| | |
|-------------------------|-----------------------|
| HON. APOLLOS W. O'HARRA | DR. EDWARD M. ROBBINS |
| JUDGE D. E. MACK | |

TRUSTEE FOR THE ALUMNI ASSOCIATION.

| | |
|----------------------------|----------|
| DR. C. L. FERRIS, '76..... | Carthage |
|----------------------------|----------|

The Board was elected for two years at the annual meeting of the stockholders May 28, 1912, upon nomination of the Synods holding the stock of the College.

OFFICERS.

MR. O. B. TURNER, MR. REASON W. SAER,
MR. J. S. PALMER.

FACULTY AND INSTRUCTORS

REV. HARVEY DANIEL HOOVER, A. M., PH. D.
(Illinois Wesleyan)

PRESIDENT

*David Loy Tressler Professor of Philosophy, and John C.
Martin Professor of Biblical Literature.*

(A. B., 1899, Susquehanna University; D. B., 1902,
A. M., 1902, *ibid.*, Ph. D., 1907, Illinois Wesleyan Uni-
versity; Graduate Scofield Bible School, 1911; Pro-
fessor of Sociology and Theology in Susquehanna Uni-
versity, 1907-09; President of Carthage College, 1909.)

REV. WILLIAM KUHNS HILL, A. M., Sc. D.
(Pennsylvania College)

DEAN OF THE FACULTY

Professor of Biology and Chemistry

(A. B., Pennsylvania College, 1879; Instructor in
Mathematics, Dayton (Penna.) Academy, 1880; Prin-
cipal Blairsville Academy, 1881-1882; A. M., Pennsyl-
vania College, 1882; Graduated from Gettysburg Semi-
nary, 1884; Professor Natural and Physical Science,
Carthage College, 1884-92; Superintendent City
Schools, Carthage, Illinois, 1893-1901; Professor Chem-
istry and Biology, Carthage College since 1901; Dean
of the Faculty since 1905; Sc. D., Pennsylvania Col-
lege, 1910.)

JUSTIN LOOMIS VAN GUNDY, A. M., PH. D. (Jena)

Professor of Greek and Latin Languages

(A. B., Bucknell College, 1887; A. M., *ibid.*, 1890; Pro-
fessor of Classical Languages, Bordentown (N. J.)
Military Academy, 1887-91; Professor of Classical
Languages, Kee Mar College, 1891-92; Student of

Classic Philology, Johns Hopkins University, 1892-93; Head of Department of Ancient and Modern Languages and Vice Principal, Norristown (Pa.) High School, 1893-1902; Student of Philosophy, University of Berlin, 1902-03; Ph. D., University of Jena, 1905; Professor of Classical Languages, Carthage College, 1906.)

REV. SANFORD NER CARPENTER, A. M., B. D.
(Susquehanna)

Professor of History and the Social Sciences
(A. B., Susquehanna University, 1898; A. M., *ibid.*, 1901; B. D., Susquehanna Theological Seminary, 1901; Pastor at Pittsburg, Pa., 1900-09; Professor of English and History, Carthage College, 1909-11; Professor of History and the Social Sciences, 1911—.)

RALPH DORNFELD OWEN, A. M., (Harvard)

Professor of English and Public Speaking
(A. B., Northwestern College, Watertown, Wis., 1905; Assistant Principal of High School, Princeton Wis., 1905-06; Principal of High School, Almond, Wis., 1906-07; Cobb, Wis., 1907-08; Graduate student in English, German, and Philosophy at University of Wisconsin, 1908-10; Graduate student in English at Harvard University, 1910-11; A. M., Wisconsin, 1909; A. M., Harvard, 1911.)

*WALLACE SMITH MURRAY, A. B. (Wittenberg)
Professor of Modern Languages

A. B., Wittenberg College, 1909; Instructor in German and French, Wittenberg Summer School, 1908, 1909; Student in Germany and France, attending the Alliance Francaise, Paris, summer, 1910; Instructor of German and French in Terrill School for Boys, Dallas, Texas, 1909-11.)

*Absent on leave 1912-13.

CHARLES ANTHONY BARNHART, A. M. (Illinois)

Professor of Mathematics

(A. B., University of Illinois, 1905; A. M., *ibid.*, 1911; Principal of High School, Anna, Ill., 1905-08; Principal of High School, Normal, Ill., 1908-09; Assistant in Mathematics and Graduate Student in Mathematics, University of Illinois, 1909-12; Instructor in Mathematics, University of Illinois, Summer Session, 1912; Professor of Mathematics, Carthage College, 1912—.)

GEORGE CARL ANDREAS HANTELMANN, A. B.
(Wittenberg)

Instructor in Modern Languages

(Student in Petri Gymnasium, Leipzig, Germany 1902-07; Wittenberg College 1908-12; Teacher of German in Wittenberg Saturday School for Teachers, Springfield, Ohio, 1911-12.)

MISS EMMA J. BELL, B. S. (Carthage)

Instructor in English and Education

B. S., Carthage College, 1907; Graduate student in English, Chicago University, 1907-08; Principal High School, Glencoe, Minn.; Principal High School Carthage, Ill., 1896-1900; Instructor in English in Carthage College Academy since 1901; leave of absence, 1907-08.)

MISS EMILY C. PENNOCK, A. M. (Carthage)

Instructor in Latin and History

(B. S., Carthage College, 1900; A. M. Carthage College, 1913; Graduate student in Latin and Ancient History, University of Chicago, summer 1903; Graduate student in Latin, University of Illinois, summer 1906; Teacher of Latin, Carthage High School, 1902-11; Principal, 1902-07, *ibid.*)

MISS MABEL HOPE MARTINIS, B. S. (Carthage)
Dean of Women and Instructor in Science
Athletics for Women
B. S., Carthage College, 1898.)

MISS SUSAN M. DAVIDSON
Instructor in Voice

(Studied voice with Mr. Bicknell Young, Madam Mazucato Young, Mr. Francis Fisher Powers, G. Edward Stubbs, Mus. Doc., Mr. Dudley Buck, Jr.; has taught in Maguire Seminary, Booneville, Mo.; College of Sisters of Bethany, Topeka, Kansas; Brownell Hall, Omaha, Neb.)

MISS MARGHERITA KOCH, A. B. (Iowa)
Instructor in Piano

(A. B., University of Iowa, 1909; Student in Music School of University of Iowa under Mary Wood Chase, Ida Felkner Coffeen, and Ralph Lawton, 1906-09; Teacher of Piano, Pipe Organ, Harmony, and History of Music, Carthage College since 1909.)

J. BYRON BRUCE
Instructor in Violin

JAMES ARTHUR BAIRD, A. B. (Carthage)
Instructor in Physical Culture for Men

(A. B., Carthage College, 1900; Student Northwestern University Law School 1900-03; Admitted to Bar in State of Illinois, 1904; Right Guard, All-Western Football Team, 1903; Football Coach, Carlton College, Northfield, Minn., 1903-06; Football Coach, Whitman College, Walla Walla, Wash., 1907; Athletic Director, Carthage College since 1908; Elected County Judge of Hancock County, 1910.)

MISS DEENA THOMPSON, B. S. (Carthage)

Instructor in Mathematics

(B. S., Carthage College, 1907; Graduate student in Mathematics, Chicago University, two quarters, 1908; Principal High School, Bowen, Ill., 1909-10; Teacher of Mathematics, Butler County High School, Eldorado, Kan., 1910-11; Appointed Carthage College, Feb. 1, 1912.)

MISS NELLIE DEANE GREER

Assistant Instructor in Piano

(Graduate in Music, Carthage College, 1912.)

MISS ENID SYMPSON

Assistant Instructor in Voice

KARR PARKER

Instructor in Physics

EARL LAMBERT

Laboratory Assistant in Biology

ROBERT McLAUGHRY HILL

Laboratory Assistant in Chemistry

COMMITTEES OF THE FACULTY

For the Year 1912-13

(The first named is chairman of the committee)

Admission—Professor Owen, Doctor VanGundy, Miss Bell

Athletics—Mr. Baird, Mr. Hantelmann, Miss Martinis

Entering Students' Advisory—Doctor Van Gundy, Doctor Hill,

Professor Carpenter, Miss Pennock

Library—Doctor Van Gundy, Doctor Hill, Professor Owen

Schedule—Professor Barnhart, Doctor Van Gundy, Miss Bell

Social Events—Professor Carpenter, Professor Barnhart, Mr.

Hantelmann

OTHER OFFICERS AND ASSISTANTS IN
ADMINISTRATION

Professor S. N. Carpenter—Secretary of the Faculty

Professor R. D. Owen—Registrar.

Doctor Justin L. Van Gundy—Librarian

Doctor William Rosenstengel—Treasurer of the Contingent
Fund

Miss Mabel H. Martinis—Dean of Women

Miss Emma Lange—Matron of Denhart Hall

Mr. James Arthur Baird—Director of the Gymnasium

Mr. Daniel Vollmer—Superintendent of Buildings and Grounds

Miss Esther Carlson—Office Secretary

Miss Nelle Clark—Assistant Librarian

CARTHAGE COLLEGE

“A College with an Ideal,” which aims to educate young men and young women to be the best possible citizens of the age. The aim of the instruction is less to train specialists than to give such knowledge as belongs to a well-rounded education. Carthage College provides the liberal training and culture which are the prerequisites of a successful university course.

We tolerate only the best of ideals, personal influence, teaching methods, and standards of character. The College spirit is inspirational and elevating. A progressive, youthful and persistent spirit pervades all college activities. The highest and best of life's goals are placed before each student; then conscientious and faithful efforts are put forth to enable each one to attain and achieve.

The College ideal is not a large student body. Carthage aims to produce truly cultured and refined, liberally educated, diligent, spirited and dauntless men and women of pure and strong character. The College is not operated for gain or selfish ends, but for the welfare of honest, hopeful and worthy young people who wish the priceless gifts of correct education.

FOUNDATION

Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose of the English Evangelical Lutheran Synods of Illinois and Iowa, under whose direction the first President (D. L. Tressler Ph. D.) was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in

1880, the stock of the institution was transferred to the Synods interested, and the College is now controlled by the Evangelical Lutheran Synods of Northern Illinois, of Central Illinois, of Southern Illinois, of Iowa, and the Wartburg Synod, by whom all the trustees are nominated. On the Board of Trustees, in addition to the representatives from these Synods, there are three from Hancock County, and one from the Alumni Association, all elected by the stockholders appointed by the Synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America and has been assisted financially for the last sixteen years by the Board of Education in the increase of the endowment fund, and by direct contributions toward the current expenses.

LOCATION AND BUILDINGS

Carthage College is located at Carthage, the county seat of Hancock County, Illinois. It is a pleasant inland town of over twenty-five hundred inhabitants. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for more than thirty years, and is thus well-adapted to academic and college life. The citizens are cultured and hospitable, and deeply interested in the college and the students, to whom the homes are open constantly. Carthage is situated twelve miles east of Keokuk, Iowa, and midway between Burlington Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington and Quincy and the Wabash systems pass through the city and the main line of the Toledo, Peoria and Western railroad passes four miles to the north, connecting at Ferris for Carthage. New students, upon writing to the President, can receive all needed information.

The campus comprises about eighteen acres of improved and timbered grounds, situated in the northeast portion of

the city, about eight blocks from the public square, and slightly elevated above the rest of the town.

The main building is a large brick structure of three stories and basement. It is furnished with modern conveniences and is in all respects well adapted to the work of the institution. In addition to the large, well-lighted recitation rooms and laboratories, it contains the college chapel, the Association chapel, the library and reading room and the literary society halls.

Denhart Hall for young women is situated on the west side of the campus. It is an attractive looking brick building of two stories and basement, equipped with baths and lavatories and heated with steam. The dining-room is in the basement. On the first floor are a parlor and a music room. The building accommodates thirty students, who are under the supervision and care of the Dean of Women, Miss Martinis, and the Matron, Miss Ruppel.

The gymnasium is a handsome building. It was erected in 1905-06 at a cost of twelve thousand dollars. The building is 43x91 feet on the outside, giving available floor space of 40x88 feet. It is equipped with apparatus of the best quality, with running track, and with hot and cold baths.

The new Carnegie Science Hall was completed by the opening of school in September, 1912. This building affords exceptional facilities for successful work in all the laboratory sciences. The Biological Department is accommodated on the second floor. The Laboratory is equipped with good compound and dissecting microscopes and all accessories necessary for successful work. The first floor of the Science Hall accommodates the Department of Chemistry. The Department of Physics occupies the greater part of the basement floor. All laboratories and lecture rooms are wired for electrical power and experimental purposes.

The Department of Geology and Mineralogy occupies two commodious rooms on the second floor. One of these is the Museum; the other is the laboratory of the Department and is equipped for work in Determinative Mineralogy and Assaying.

The College Library contains about seven thousand volumes and several thousand pamphlets. The collection is classified according to the Dewey decimal system and is furnished with complete card catalogues of authors and subjects. A large number of books have been added by donations and purchase within the past few years, and the collection now contains the books most essential for undergraduate work in the various departments. The following additions have been made during the current year:

| | | |
|-------------------------------|----|---------|
| Bound Magazines | 25 | Volumes |
| U. S. Government | 9 | " |
| Purchase | 28 | " |
| State of Illinois | 7 | " |
| Smithsonian Institution | 3 | " |
| Bross Lecture Foundation..... | 2 | " |
| Miscellaneous | 21 | " |

Total number of volumes..... 95

Grateful acknowledgment is hereby extended to all donors.

The two literary societies have good collections of books, to which standard works are being added annually. Each society has invested funds, the interest of which is used for library purposes. Cicero Society has recently placed its collection in the College Library, and thrown it open to the use of all students. The Public Library of Carthage containing several thousand volumes, is open to the students, while the private libraries of the members of the faculty are also accessible for studies upon special topics.

The Reading Room is furnished with tables, shelves, magazine case, newspaper rack, et cetera. It is equipped with the best scientific and literary magazines and many of the best religious and secular papers. It is open daily except Saturday from 8:15 until 12 a. m., and from 1:15 until 4:30 p. m.; on Saturday the hours are from 9 until 11 a. m. The library is open during the same hours.

STUDENT ORGANIZATIONS

Two literary societies—Galileo, organized in 1870, and Cicero, organized a year later—are sustained in connection with the College. Through the medium of these, students get valuable aid in composition, delivery, debate and parliamentary practice besides opportunities for social culture. All Collegiate and Senior Academic students are required to unite with one or the other of these societies, and to perform a prescribed amount of literary work annually. Each of the societies occupies a large, attractive hall, handsomely furnished for literary and social purposes.

The Young Men's Christian Association, which was organized in 1881, has exerted a marked influence upon the life and character of the students during the years since. A devotional meeting is held on each Tuesday evening. The Young Women's Christian Association holds a service every Monday evening. It receives the cordial support of all the young women of the College. Bible study and mission study classes are being conducted by both associations. Each association sends delegates every summer to the Geneva Conference of College Students. New students are urged to unite with these associations, and will do well to avail themselves of the assistance which is offered them at the opening of each year.

The Athletic Association conducts the business affairs of the athletic teams, elects managers, awards insignia for dis-

tion in athletics. Every student is a member of the Association, who has paid the required fee, and is entitled to a vote in the association.

The Dramatic Club aims to promote interest in dramatic art and literature by studying some modern dramatist and presenting a play at the end of the school year.

The Brain and Brawn is an honorary society composed of students who have distinguished themselves for scholarship, or have won prizes on the athletic field.

The Euterpean Club is composed of students from the School of Music and town people that are interested in the study of music. It annually brings some artist to Carthage.

The Concordia Verein was organized in September, 1912. Its aim is to cultivate the German language, to study German life, and literature.

RELIGIOUS CULTURE

Ever since its organization the college has aimed to exert positive religious influence over its students. The newly organized Department of Biblical Instruction gives training in Christian work to those who desire it, and affords every student an opportunity to gain a thorough and systematic knowledge of Biblical History and Literature. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. Besides the English Lutheran church whose pastor, Rev. S. N. Carpenter, is regarded as College pastor, and the German Lutheran congregation, there are represented in Carthage organizations of the Baptist, the Catholic, the Christian, the Episcopal, the Methodist Episcopal, and the Presbyterian denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly identified with its religious work.

PUBLICATIONS

The literary societies of the College published a monthly journal—The Collegian—which is edited by a staff of editors chosen from the societies. This paper is helpful in stimulating literary activity among the students. It also affords the Alumni, friends, and patrons of the college the best means of keeping in touch with the life and work of the institution

The College publishes a bi-monthly Bulletin, the purpose of which is to keep friends and patrons informed of the work of the institution, and of improvement and progress in all lines of college activity. There is no charge for subscription, and all persons interested may have their names added to the mailing list by addressing a request to the President.

SCHOLARSHIPS

Free tuition for one year is annually offered to that member of the Senior class of Carthage High School who shall receive the highest average grade in scholarship during the year.

A similar scholarship is awarded to that member of the Senior class of the Academy whose average for the year is the highest. This scholarship was awarded last year to Miss Nettie Crane, of McConnell, Illinois.

The W. C. T. U. of the county annually purchases a scholarship good for one year, which is awarded by a competitive examination in physiology. Awarded to Miss Ruth White, of Elvaston.

A scholarship in the Academy is annually awarded to that student in the schools of Hancock County who receives the highest average grade in the county central examination for the year.

In general, it is the policy of Carthage College to meet all competition, and young people holding scholarships given by

other institutions for excellence in scholarship, can usually receive the same privilege here. Correspondence along this line is invited.

PRIZES

Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies pursued during the year. Last year this was won by Mr. Carroll Crawford, of Freeport, Illinois.

Mr. Ed Hoch, of the city of Carthage, offers annually a gold medal to that member of the Greek class who excels in final competitive examination. Last year this was awarded to Miss Beryl Parker, of Carthage.

The Board of Trustees offers a gold medal to that member of the Junior class who, under the supervision of the Faculty, shall produce the best original oration at the Junior oratorical entertainment, regard being had for both thought and delivery.

FACILITIES FOR SELF-HELP

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or to reduce their expenses. A portion of the janitor service in the main building and in Denhart Hall is being performed by students at present. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by management of laundry agencies among the students and in the community. During the coming year a number of young men and young women will be needed to render service in the institution, for which credit will be given them on their tuition and other expenses.

ROOMS AND BOARDING

All the young women from a distance will be expected to room and board in Denhart Hall, where comfortable and convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedsteads, springs, mattress, bureau, washstand, toilet set, chairs, table and book shelves, and are heated by steam. Connected with each room are two clothes presses. Pillows, pillow slips, sheets, spreads and blankets are supplied; hence young ladies need bring with them only towels, napkins, and the additional bed clothes desired.

As the cottage is limited to thirty students all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. Board is furnished at \$2.50 a week; the charge for inside rooms, furnished, is 75 cents a week; for corner rooms, \$1.00 a week. An additional charge of 50 cents a week will be made for students rooming alone, provided it is possible to furnish single rooms. During the year a number of rooms have been beautified at the expense of friends of the College.

Young men can find comfortable homes near the College and good board at reasonable rates—\$2.75 to \$3.50 per week; or they may secure boarding at the regular rates at the dining-room at Denhart Hall.

GOVERNMENT

The government of the institution is vested in the Faculty, which administers discipline and imposes such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students, and the purpose is to retain only such students as may conduct themselves in gentlemanly or lady-like manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow

students in all their relations. Should any student be found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and the general welfare of the institution. Students who have failed to conduct themselves properly in other institutions year or the beginning of the semester.

A proper care for the health and good name of the young women is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order, while only such restrictions will be imposed upon any student as may be required to maintain the authority of the Faculty or to advance the best interests of the institution.

TERMS AND VACATIONS

The school year of the three regular departments consists of thirty-six weeks, divided into two semesters of equal length. There are two vacations—the usual holiday vacation lasting about two weeks, and the long summer vacation of about thirteen weeks after commencement. By this arrangement students can pursue their studies through the school year, and needy students can make the very best use of the long vacation for procuring means of support while at school. Students may enter any of the departments at any time but the best results are secured by those who commence at the beginning of the year or the beginning of the semester.

EXPENSES

The necessary expenses at Carthage College are quite low. The regular expenses are here given in detail.

| | |
|---|---------|
| College tuition, per year, in advance..... | \$40.00 |
| College tuition, per semester in advance..... | 20.50 |
| Academy tuition, per semester..... | 15.00 |
| Registration fee, for the year..... | 1.00 |

| | |
|---|------|
| Contingent fee, per semester..... | 1.50 |
| Library fee, per semester..... | 1.50 |
| Athletic fee, per semester..... | 2.00 |
| Gymnasium fee, per semester..... | 4.00 |
| Laboratory fee, Biology, per semester..... | 4.00 |
| Laboratory fee, Physics, per semester..... | 4.00 |
| Laboratory fee, Mineralogy, per semester..... | 3.00 |
| Laboratory fee, Chemistry, per semester..... | 5.00 |
| Academy Botany, Physics or Zoology, per semester..... | 1.50 |
| Academy Chemistry, per semester..... | 2.00 |
| Room rent in Denhart Hall, per week.....\$.75 to | 1.00 |

MUSIC

| | |
|--|---------|
| Piano, (Miss Koch), one lesson a week, per semester..... | \$18.00 |
| Piano, (Miss Koch) two lessons a week, per semester.... | 30.00 |
| Piano, with assistant, one lesson a week, per semester.... | 11.50 |
| Piano, with assistant, two lessons a week, per semester.... | 19.00 |
| Piano, two lessons per week, one with Miss Koch, one with the assistant | 25.00 |
| Voice, one lesson a week, per semester..... | 18.00 |
| Voice, two lessons a week, per semester..... | 30.00 |
| Chorus, one lesson a week per year..... | 3.00 |
| Use of Piano, one hour daily, per year..... | 6.50 |
| Use of Piano, two hours daily, per year..... | 11.00 |
| Use of Piano, three hours daily, per year..... | 15.50 |
| Violin, one lesson a week, per semester..... | 18.00 |
| Harmony, one lesson a week per year..... | 18.00 |
| Harmony, two lessons a week, per year..... | 27.00 |
| Harmony (class) one lesson a week, per year..... | 10.50 |
| Musical History (class) one lesson a week, per year..... | 4.50 |
| Pipe Organ, per lesson | 1.00 |
| Special Coaching, per lesson 1.50 Teacher's Course | 5.00 |

No reductions for lessons missed except in case of illness,
and then only when lessons cannot be made up.

LEGACIES

It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have been prospered in temporal things by remembering the institution with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount, while by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy—to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least \$1,000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of the bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

“I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of \$..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod college in the present Carthage College territory.”

REQUIREMENTS FOR ADMISSION

Candidates for admission must present satisfactory testimonials of good moral character; certificates of honorable dismissal are required of those who come from other colleges. The scholarship requirements for admission to the Freshman class are based upon four years of secondary school work, with four daily recitations. A daily recitation throughout a year constitutes a unit of credit. Four years of secondary school work, therefore, will constitute sixteen units of credit, and sixteen units are required for admission to the Freshman class. These credits are to be offered in harmony with the outline of subjects given below, with the understanding that the time assigned in every case is simply a convenient average and that the work outlined must have been completed.

Students coming from high schools and academies of recognized standing are admitted on certificate of scholarship and character without examination, as far as they have pursued the required preparatory studies. Standing secured by certificate is only for the first semester, that semester being regarded as probationary. The student's subsequent rank depends upon the results of his work. Candidates for admission to the Freshman class, who are unable to offer a sufficient number of satisfactory credits, will have an opportunity to secure such standing by means of written examinations held on Monday and Tuesday afternoons of Registration week.

Blank forms of application for admission may be secured from the President or Registrar. These should be filled out and returned by August 25. No student will be registered until his application form has been approved by the Admission Committee. Registering after the Registration Day will cost the student a dollar (\$1.00) extra. School opens on the first Thursday in September. New students are registered on Tuesday, old students on Wednesday preceding.

All candidates for admission must offer the following subjects:

| | | |
|--------------------------|----|-------|
| English | 3 | units |
| History | 1 | unit |
| Mathematics | 2½ | units |
| Foreign Language | 4 | units |
| Laboratory Science | 1 | unit |

and four and one-half units additional, chosen in harmony with the College course to be pursued. The following list indicates the subjects that may be offered, together with the amount of credit allowed in each:

| | |
|--------------------------|--------|
| Bible | 1 |
| Botany | ½ to 1 |
| Chemistry | 1 |
| English | 3-4 |
| German | 1-2 |
| Greek | 1-2 |
| Latin | 2-4 |
| History and Civics | 1-3 |
| Algebra | 1½ |
| Plane Geometry | 1 |
| Solid Geometry | ½ |
| Astronomy | ¼ |
| Physics | 1 |
| Physiography | ½ to 1 |
| Physiology | ½ |
| Zoology | ½ to 1 |

The courses and requirements are shown more in detail as follows:

I. ENGLISH:

(1) Not less than a three years' course in composition and rhetoric, including the study of standard texts and sufficient practice in composition to insure a fair degree of proficiency

in writing in English. The student is expected to be able to give unity and coherence to his ideas, and to construct correctly the three units of discourse—the sentence, the paragraph, and the essay. This presupposes correctness of orthography and grammar and knowledge of the simpler principles of punctuation.

2. The reading and study of classics recommended for uniform college requirements by the Committee of College Entrance Requirements in English. This includes:

a. The four classics for study and practice selected by the Committee.

b. Ten classics for reading, to be chosen from the six groups recommended by the Committee.

Every student should give a complete list of his readings in the entrance application form.

II. FOREIGN LANGUAGE:

Four units of foreign language are required. This must include at least two units of Latin. Those who expect to take Latin in the College must present two additional units, making in all four units of Latin.

LATIN:

1. Collar & Daniell's *First Latin Book*. Latin Grammar: Allen & Greenough, Harkness or Bennett.
2. *Via Latina*, Cæsar, four books of the Gallic War.
3. Cicero; four orations against Catiline, for Archias.
4. Vergil; Aeneid, Books i-vi, with prosody.
5. Prose Composition, thirty lessons of Bennett's *Latin Prose Composition*.

GREEK:

1. White's *Beginner's Greek Book*. Goodwin's *Greek Grammar*.

2. Xenophon, *Anabasis*, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' *Greek Prose Composition*.

III. MATHEMATICS:

1. Algebra, through Quadratics. Well's *Algebra for Secondary Schools*, or equivalent.
3. Geometry, Plane; Wentworth and Smith, or equivalent.
4. Geometry, Solid; Wentworth and Smith, or equivalent.

IV. HISTORY:

1. United States. Channing's *Students' History of the United States*, or equivalent. The United States History studied in the Public Schools below the ninth grade will not be accepted as meeting entrance requirements.
2. Ancient History. Botsford's *Ancient History*, or its equivalent.
3. Mediæval History. Munro's *Mediaeval History*, or its equivalent.
4. English History. Cheyney's *Short History of England*, or its equivalent.

V. GERMAN:

As a test of the student's elementary preparation, he should be able to read at sight, and to translate, if called upon, a passage of easy dialogue or narrative prose, help being given upon unusual words or constructions, to put into German short English sentences taken from the language of every day life, or based on the text translated, and to answer questions on the rudiments of grammar, as defined below.

1. Pronunciation, the memorizing and use of easy colloquial sentences; the rudiments of grammar, inflection of the

articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word order; abundant exercises; the reading of from seventy-five to one hundred pages of graduated texts.

2. The reading of from one hundred and fifty to two hundred pages of literature in the form of easy plays and stories; translation into German of matter based upon works read; continued drill upon rudiments of grammar. See German B and A under Academy courses.

VI SCIENCE:

The preparation must include both text book and laboratory work; and the candidate should submit his note-book. It is recommended that an entire year be devoted to one Science, except Physiology and Physiography, and credit will not be granted for less than one unit of Chemistry or Physics.

1. ELEMENTARY BIOLOGY (one unit). The requirement in Biology may be met by one-half unit in Botany and one-half unit in Zoology. It is recommended, however, that the entire unit be offered in one of these sciences. In any case, laboratory work must constitute an important part of the course.

2. ELEMENTARY CHEMISTRY (one unit). The work offered in Chemistry must include recitations and laboratory work for one year. The ground covered should be essentially that of the best elementary text books on general Chemistry.

3. PHYSIOGRAPHY (one-half unit). The course should include supplemental work as well as the study of some good modern text book.

4. PHYSIOLOGY (one-half unit). A study of some standard elementary text book, supplemented by laboratory work. The Physiology studied in the Public School below the ninth

grade will not be accepted as meeting entrance requirements.

5. PHYSICS (one unit). The requirement in Physics is sufficiently outlined in any one of several good modern text books of Elementary Physics. Of these Milliken & Gale's *A First Course in Physics*, is preferred.

ADVANCED STANDING

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to adjustment. Credit toward a college degree will be allowed for work done in college preparatory schools and high schools only when these schools maintain regular accredited courses of five years or more, provided such work has not been counted for entrance credits. In no case will the baccalaureate degree be granted for less than one year of resident work in Carthage College.

COURSES OF INSTRUCTION

The College Department embraces the usual four years of study in the regular classes.

In arranging the courses of study the faculty has endeavored to provide for the proper correlation of subjects, as well as for an adequate adaptation to individual needs. It believes that close specialization in the early years of a college course defeats the true end of college training, namely, the attainment of broad and liberal culture. Thus it requires the student in his Freshman and Sophomore years to elect one of four groups of studies. The group system, which is used in the majority of colleges, aims to combine the advantages of the rigid course system with those of the free elective systems, and to maintain a proper balance between arbitrary dictation on the one hand and unadvised choice on the other. Carthage College offers four groups, each laying the foundations of a well-rounded, liberal education. (For groups of studies required see page 31.)

REQUIREMENTS FOR GRADUATION

In all courses the requirement for graduation is 130 college credits. A college credit represents one semester hour of work—that is, one recitation per week for one semester; two hours of laboratory or seminar work counting as one hour of recitation. In adjusting the work of students who are making up prerequisites, a four or five-hour academy course is counted as a three-hour course in college.

CLASSIFICATION

The class to which a student is assigned depends on the number of credits on record in the books of the Registrar at the opening of the year. In counting credits the number of conditions outstanding against any name will be subtracted from the full number of credits.

Student requirements for advanced standing are as follows: Sophomore, a minimum of 28 college credits; full standing, 33 credits; Junior, a minimum of 60; full standing, 68 credits; Senior, a minimum of 94, full standing, 100; graduation, a minimum of 130 credits.

CHOICE OF COURSES

All students entering the College have the privilege of choosing, in consultation with the Students' Advisory Committee, their group of subjects. A group once fully entered upon must be pursued to the end of the Freshman year, unless a change be granted by special action of the Faculty. If at the end of the first year a new selection is desired, this will be permitted so far as the prerequisite requirements in other groups have been met.

No student is permitted to acquire more than eighteen college credits per semester except by a special action of the Faculty, and no application from a Freshman for more than eighteen hours for his first semester will be considered. The

maximum number of credits that by Faculty action may be granted to any student in any year is as follows:

Freshmen 36, Sophomore 38, Juniors 40.

SPECIAL STUDENTS

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all rules and regulations of the College, and are expected to take sufficient work to occupy their time.

GROUPS OF STUDIES

The following representative groups are offered. Other combinations will be made to accommodate students who are preparing for subsequent work in medicine or engineering. The degree of Bachelor of Arts is conferred on students who have completed the requirements in Group I and Group II; the degree of Bachelor of Science on those who have completed Group III or Group IV. The degree of Bachelor of Letters is conferred on students that have completed the requirements in Group V.

GROUPS OF STUDIES FOR FRESHMEN

GROUP I.

A. B.

| | |
|-----------------------|---|
| Greek | 8 |
| Latin* | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP II.

A. B.

| | |
|-----------------------|---|
| German | 8 |
| Latin | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP III.

B. S.

| | |
|-----------------------|---|
| Biology | 8 |
| Latin | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP IV

B. S.

| | |
|-----------------------|---|
| Biology | 8 |
| German | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP V.

B. L.

| | |
|-----------------------|---|
| English | 6 |
| German* | 6 |
| Mathematics | 7 |
| French or Latin | 8 |
| Semitic History | 4 |
| Public Speaking | 2 |

*Prerequisite 4 years of Latin.

*Prerequisite 2 years of German.

GROUPS OF STUDIES FOR SOPHOMORES

GROUP I.

A. B.

| | |
|----------------------------|---|
| Greek | 6 |
| Latin | 8 |
| English | 6 |
| Biblical Literature | 4 |
| History | 6 |
| Biology I or Chemistry I.. | 8 |

GROUP II.

A. B.

| | |
|----------------------------|---|
| German | 6 |
| Latin | 6 |
| English | 6 |
| Biblical Literature | 4 |
| History | 6 |
| Biology I or Chemistry I.. | 8 |

GROUP III.

B. S.

| | |
|---------------------------|----|
| Chemistry | 8 |
| Latin | 6 |
| English | 6 |
| Biblical Literature | 2 |
| Mathematics | 10 |
| History | 6 |

GROUP IV

B. S.

| | |
|---------------------------|---------|
| Chemistry* | 8 or 12 |
| German | 6 |
| English | 6 |
| Biblical Literature | 2 |
| Mathematics | 10 |
| History | 6 |

*See Chemistry p. 34.

GROUP V.

B. L.

| | |
|---------------------------|---|
| English | 6 |
| History | 6 |
| German | 6 |
| French or Latin..... | 6 |
| Chemistry or Biology..... | 8 |
| Biblical Literature | 4 |

STUDIES FOR THE JUNIORS AND SENIORS

| | |
|-----------------------|------------------------|
| Archæology | Philology |
| Biblical Sociology | Physics (6 courses) |
| Chemistry (2 courses) | Psychology (8 courses) |
| Drawing | Public Speaking |
| English (4 courses) | Sociology |
| Ethics (2 courses) | Astronomy |
| French | Biblical Philosophy |
| German | Biology |
| Greek (3 courses) | Chemistry (2 courses) |
| History (4 courses) | Drawing |
| Latin (5 courses) | Economics |
| Logic | Education (5 courses) |
| Mathematics | English (4 courses) |

| | |
|---------------------|------------------------|
| French | Mathematics |
| Geology | Mineralogy |
| German | Philosophy (5 courses) |
| Greek (3 courses) | Physics (6 courses) |
| History (4 courses) | Politics |
| Latin (5 courses) | Public Speaking |

In groups II and III Greek may be substituted for Latin.

Junior and Senior years are elective with the following limitations: Required—1. 6 hours of History and Social Sciences; 2. 6 hours of Psychology and Ethics; 3. Bible in both years; 4. 6 hours of Foreign language in groups I and II; 5. 16 hours of Science in groups III and IV; 6. 10 hours of English in group V.

DEPARTMENTS OF INSTRUCTION

BIBLE.

The following subjects were taught during the year 1912-1913: History of Assyria, Babylonia, Egypt, Palestine and of the Jews, Biblical Literature, Archaeology, Biblical Criticism, Christianity and the Social Problems, Biblical Pedagogy, Religious Education, Life of Christ, Life of Paul, and Biblical Geography, Biography, Introduction and Teachings.

The following courses are announced for 1913-1914:

1, 2. BIBLICAL HISTORY.

One half of the time in this course will be devoted to a study of ancient civilization and the peoples who influenced the Israelites. Particular attention is given to the history of Assyria, Babylonia, Egypt and Palestine. The other half of the time will be given to the study of the origin of Christianity. Freshman year. Required I, II (2).

3, 4. BIBLICAL LITERATURE.

This course offers a study of early Hebrew poetry, a brief introduction to the books of the Bible and a history of the English Bible. Sophomore year. Required I, II (1).

5, 6. BIBLICAL ARCHAEOLOGY.

A study of the history, field, methods and results of Excavations of Bible lands; also an application of the testimony of monuments to Biblical criticism. Required of Classical students, Sophomore year. I, II (1).

7, 8. APPLIED CHRISTIANITY.

A study in the application of the gospel of the Kingdom to social problems and reform: Applied Ethics. One half of the time of this course will be devoted to a study of characters influenced or made by the principles of Christianity. Junior year. Required I, II (2).

9, 10. BIBLICAL PEDAGOGY:

A course in philosophy of Bible teaching, theism, and religious education. Senior year. Required I, II (2).

For electives and special Bible courses see description under "Bible Training School" on page 54.

BIOLOGY

PROFESSOR HILL

1, 2. GENERAL BIOLOGY. A general introduction to the subject through a broad, comprehensive study of living things. Emphasis is laid on the general facts of morphology and physiology as illustrated by the thorough study of a few types, rather than upon the minutiae of classification. As far as possible in an elementary course, the problems of theoretical biology are stated and discussed. Lectures and recitations, two hours, laboratory, four hours. I, II. (4). Required in Freshman year of groups III and IV.

3, 4. Advanced Physiology and Vertebrate Histology. Three hours. Prerequisites, Biology I and Chemistry 1.

5, 6. Practical or Applied Biology. An advanced course giving special attention to the most destructive fungoid and bacterial enemies of domesticated plants. In the second semester micro-organisms will be studied; their morphology and life histories, and their relations, benignant and malignant, to human life. Lectures, recitations, reading, and laboratory work. Eight semester credits. Prerequisite Biology I.

CHEMISTRY.

PROFESSOR HILL.

1, 2. GENERAL INORGANIC CHEMISTRY. Experimental lectures, recitations and laboratory work. Two lectures and four hours of laboratory work per week. The course is based on Dr. Alexander Smith's General Chemistry for Colleges, and Smith and Hale's A Laboratory Outline of General Chemistry.

No previous knowledge of chemistry is essential. Students offering chemistry for admission may, upon presentation of their note-books, have their laboratory work arranged so as to avoid repetition of the similar experiments already satisfactorily performed in their preparatory course.

3, 4. QUALITATIVE ANALYSIS. This course includes lectures, recitations and laboratory practice in the general methods and processes of qualitative analytical chemistry. Six hours. Open to students who have completed course 1. I, II. (4)

3a, 4a. Supplementary course for students taking course 3, 4. six hours of laboratory, three of recitation. It is intended for students in group IV that are preparing for graduate work in chemistry or physics for medicine or engineering. They may postpone some other required Sophomore study till the next year.

5. 6. QUANTITATIVE ANALYSIS. A study of the standard gravimetric and volumetric methods of analytical chemistry. Lectures, recitations and laboratory work. Six hours. Prerequisites, courses 1, 2, 3, 4. I, II (4)

7, 8. ORGANIC CHEMISTRY. A study of the characteristics of typical and simple organic compounds, followed by a consideration of the classification and the most important classes of the derivatives of carbon. Lectures and recitations; laboratory practice in organic synthesis and analysis. Prerequisite, course 1, 2. I, II. (4)

EDUCATION.

MISS BELL.

1. HISTORY OF EDUCATION. Text: Monroe. Emphasis is placed upon the chief factors and methods and ideals in the various periods of educational development and history. I (3)

2. SCHOOL AND CLASSROOM MANAGEMENT. This course offers opportunity for practice teaching and observation of actual work in the grades and High School teaching.II.

NOTE:—Special instruction will be given students who purpose teaching English, history, science or foreign languages by the respective teachers of these subjects.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR OWEN

1, 2. COMPOSITION AND RHETORIC. Two hours. Rapid review of English Grammar, punctuation, spelling, followed by study of principles of composition and writing of a theme per week. Texts: Canby: *English Composition*, Wooley: *Handbook of English Composition*. One hour, lectures on the history of the English language and the study of two Older English classics. Every student is expected to meet the instructor for an individual conference once a month.

3, 4. GENERAL SURVEY OF ENGLISH LITERATURE. An outline of the history of British literature and of American literature.

Weekly tests and written reports on assigned readings. The aim of the course is to let the pupil gain first-hand knowledge of a fairly large and representative portion of English literature. Required of all Sophomores, I, II. (3)

5, 6. OLD AND MIDDLE ENGLISH. An outline of Old English grammar followed by the reading of Bright's reader. An outline of the development of Old English through Middle English into Modern, followed by the reading of *Piers Plowman*, selections from Chaucer, and several Middle English romances. Elective I, II. (3)

7, 8. SHAKESPEARE AND HIS PREDECESSORS. A rapid survey of the origin and development of English drama before Shakespeare; the development of Shakespeare as a dramatist. Elective I, II. (2) Not given 1913-14.

9. SPENSER AND MILTON. Several books of the *Faerie Queene*, all of *Paradise Lost*, and Milton's minor poems will be read. Elective I. (2)

10. NINETEENTH CENTURY POETRY. A study of the principal British poets from Wordsworth to Tennyson. The course aims to trace the intellectual movement of the period. Elective II. (2)

11. NINETEENTH CENTURY PROSE. A study of the principal prose writers, Carlyle, Emerson, Coleridge, Ruskin, Newman, Arnold, Spencer. The course aims to trace the intellectual movements of the period. Elective I (2) given 1913-14.

12. THE DEVELOPMENT OF THE ENGLISH NOVEL. This course aims to give students a knowledge of English prose fiction in its chronological order, and of its relations to Continental literature. Elective II (2 hrs.) not given 1913-14.

Courses 5, 6, 9, 10 given in 1913-14, not in 1914-15.

Course Latin X is recommended to advanced students of English.

FRENCH.

PROFESSOR MURRAY. MR. HANTELMANN

1, 2. FRASER AND SQUAIR'S FRENCH GRAMMAR. The essentials of French accidence including the forty most useful irregular verbs. Thorough drill in pronunciation and practice in French conversation. Reading of easy prose: *Contes et Legendes*; *La Pondre aux yeux*; *La Mare au Diable*; Tales by Daudet. I, II (4)

Open to all students who have not yet studied French.

3, 4. SYSTEMATIC GRAMMATICAL DRILL AND PRACTICE IN FRENCH COMPOSITION. Introduction to French classics: Merimees' *Colomba*; Pailleron's *Le Monde ou l'on s'ennuie*; Moliere's *L'Avare*; Bourgeois *Gentil homme*; Francois' *Elementary Composition*. I, II. (3)

Open to students who have passed course I or offer the equivalent.

5, 6. MASTERPIECES OF PROSE AND POETRY: *Les Precieuses Ridicules*; *Les Femmes Savantes*; *Le Malade Imaginaire*; Corneille's *Polyeucte Martyr*; Hugo's *Hernani*, etc., Francois' *Advanced Composition* and conversation based on texts. I, II. (3)

Open to students who have passed courses 1 and 2 or offer an equivalent.

GEOLOGY.

PROFESSOR HILL.

1. STRUCTURAL AND DYNAMIC GEOLOGY. Text book, Chamberlain and Salisbury's *College Geology*. Two hours. First semester.

2. HISTORICAL GEOLOGY AND PALAEONTOLOGY. A study of the history of the earth with special reference to the development of the North American continent, and the evolution of life as revealed in the order and sequence of fossils. Two hours. Second semester.

3, 4. MINERALOGY. Descriptive and determinative Mineralogy and Petrology. Two laboratory hours throughout the year.

GERMAN.

PROFESSOR MURRAY.

MR. HANTELMANN.

Students that offer less than two years of German as entrance credit may take German in the Academy and receive three-fourths credit for it in the College. See German B and A, p. 52.

1, 2. INTRODUCTION TO THE STUDY OF THE CLASSICS. Methodical study of some standard works with reference to their linguistic and literary import. Essentials of syntax. Conversation. Composition. Prerequisite courses B and A. I, II. (3) Prescribed for Freshmen electing group II, and offering German for admission.

3, 4. LESSING COURSE. Study of the works of Lessing, illustrating his influence upon the German drama and literature. *Minna von Barnhelm*; *Emilia Galotti*; *Nathan der Weise*. German conversation. Composition. I, II. (3)

Required of Sophomores in group II.

5, 6. FREYTAG COURSE. Study of masterpieces in modern prose, *Soll und Haben*; *Aus dem Staat Friedrichs des Grossen*, etc. Discussion of contents and textual criticism in German. Composition. I, II. (3) Elective.

7, 8. Course in modern drama: Representative works of Hauptmann, Sudermann, and Wildenbruch will be studied e. g. *Die Versunkene Glocke*; *Heimat* or *Die Ehre*; *Heinrich und Heinrich's Geschlecht*. German essays. Two hours. I, II. (3) Elective.

9, 10. Conversation and advanced composition. Kron's "*German Daily Life*" will be used as a basis for conversation concerning German customs and institutions. Practice in translating an English or American prosaist. I, II. (1) Elective.

GREEK LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY.

1a. ELEMENTARY COURSE. The purpose of this course is to furnish to mature students, who have never studied Greek, an opportunity to begin this subject in College. This and the following course are recommended to students who are looking forward to the study of theology or language, and also to students of science for the use of Greek in scientific nomenclature. Full credit is given for this course. I (5)

1b. XENOPHON, *Anabasis* with Grammar and exercises. II. (5)

1. XENOPHON, *Anabasis* or *Cyropaedeia*. Required of Classical Freshmen. I. (4)

2. HOMER, *ILIAD*, Books I-III, with selections intended to give a comprehensive view of the entire work. Required of classical Freshmen. II. (4)

3. PLATO. Selected dialogues, including the *Apology* and *Phaedo*. I. (3)

4. The Lyric or the Dramatic Poets. II. (3)

Modern Languages may be submitted for course III and IV by special consent of the Faculty.

5. DEMOSTHENES, *On the Crown*. Study of Attic oratory. Exercises in advanced composition. Elective. I. (3)

6. JUSTIN MARTYR, *Apology Major*. Selections from Church Fathers. Elective. Open to Juniors and Seniors. I. (2)

7. INTRODUCTION TO PHILOLOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. I, II. (1)

8. NEW TESTAMENT. Elective. Open to students of advanced standing.

Every student is expected to meet the instructor in conference once a month. Provision for a conference hour will be made in schedule.

HISTORY AND THE SOCIAL SCIENCES.

PROFESSOR CARPENTER.

It is the aim of the department to give the student command of the essential facts in the history of Mediaeval and Modern Europe and their relation to the social, political and moral problems of the present day. To this end the general features of the great movements and factors out of which our present day institutions grew are emphasized. The student is trained to view and study history comprehensively and genetically; i. e., as far as possible events are studied with respect to their inner relations, and the logical connection in the chain of cause and effect is presented.

The successive attempts to set up a stable form of government upon the ruins of the Old Roman Empire and the problems encountered are clearly set forth in their order and relation. The respective lines of influence of the Holy Roman Empire, The Feudal System, The Crusades, The Renaissance, and the Reformation on the course of national life and development are followed.

The course in Modern History affords an opportunity to study closely the full flowering of factors which budded throughout the Middle Ages.

The whole course is crowned by the detailed study of the development of the Constitution of the United States, affording an excellent means of review of events close at home and an occasion for gathering and putting into practical effect the knowledge previously acquired.

The whole course is saved from the "dry dust" process of collecting facts by constant reference to those problems and principles that are widely discussed at the present time.

For detailed account of courses see "Social Sciences" p. 47.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY.

1. CICERO'S *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical Freshmen and Scientific Freshmen, Groups I, II and III. I. (4)

2. LIVY. Books I and XI. Sight reading continued. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer). II. (4) Required of Classical and Scientific Freshmen of Groups I, II and III. II. (4)

3. HORACE. Odes. Books I and II, with the Epodes and selected Satires and Epistles. Review of Prosody and study of Horatian metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. I (3) Required of Sophomores in Groups I, II and III.

4. PLINY, Selected Letters; or QUINTILIAN, Institutes, Books X and XI. Preston and Dodge's *Private Life of the Romans*. II. (3) Required of Sophomores in Groups I, II and III.

5. TACITUS. *Germania* and *Agricola*. Study of the colonial policy of Rome. I. (2) Elective.

6. CICERO. Tusculan Disputations. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Courses 5 and 6 may be changed and other texts substituted after conference with students who purpose taking these courses. Along with courses 5 and 6 the class will make a rapid survey of Roman Literature. The library facilities are ample for special studies in classical subjects. II. (2) Elective.

7. SUETONIUS. Lives of the Caesars, *Julius*, *Augustus*, *Tiberius*. I. (2) Elective.

8. TACITUS. *Dialogus de Oratoribus*. II. (2) Elective.

9. LUCRETIUS, *De Natura Rerum*; or some one or more of the philosophical works of Cicero. I. (2) Elective.

Courses 7, 8 and 9 are elective, and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the method of presenting preparatory Latin, and in advanced Latin prose, with systematic study of the grammar.

10. INTRODUCTION TO PHILOLOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. One hour a week throughout the year. Every student is expected to meet the instructor in conference once a month. Provision for a conference hour will be made in schedule, e. g. Latin I. conf.

MATHEMATICS.

PROFESSOR BARNHART.

1. ALGEBRA. This course will include a study of general methods of factoring, the general quadratics, progressions, variation, inequalities, binomial theorem, partial fractions. surds, logarithms, and elements of the theory of equations. Required of Freshmen in all courses. I. (4)

2. TRIGONOMETRY. Plane. Required of Freshmen in all courses. II. (3)

3. ANALYTIC GEOMETRY. Plane. Required of Sophomores taking groups III and IV. I. (5)

4. DIFFERENTIAL AND INTEGRAL CALCULUS. An elementary course in differential and integral calculus, including geometrical and physical applications. Required of Sophomores taking groups III and IV. II. (5)

5. DIFFERENTIAL AND INTEGRAL CALCULUS. (Continuation of Mathematics 4.) I. (3)

6. DIFFERENTIAL AND INTEGRAL CALCULUS (Advanced Course.) The definite (single and multiple) integral with exer-

cises in the formulation of problems arising in applied mathematics; line, surface, and volume integrals; partial differentiation; exact differentials with applications of the conditions for exactness; elements of differential equations; approximate quadrature and integration of differential equations.

II. (3)

7. DIFFERENTIAL EQUATIONS. General linear equations with constant coefficients; special forms of differential equations of higher order; integration in series. I. (3)

8. SOLID ANALYTIC GEOMETRY. Equations of the plane and the right line in space; the more general properties of surfaces of the second degree; the classification and special properties of quadrics. II. (3)

9. ADVANCED COURSES. Students desiring advanced courses in Mathematics may arrange to take courses in the Theory of Equations, Introduction to Higher Algebra, Method of Least Squares, Partial Differential Equations, Averages and the Mathematics of Investment, etc., if the prerequisites have been completed satisfactorily.

All students planning to do graduate work in any of the applied sciences or subsequent work in engineering, are advised to complete Mathematics 5. To the student who desires to pursue the study of advanced chemistry, physics, astronomy or a course in electrical engineering, the courses in Mathematics 6 and 7 are recommended. All students planning to specialize in Mathematics should arrange to pursue some course in Mathematics during each semester of the four years of their undergraduate training.

PHILOSOPHY.

The following subjects were taught 1912-1913: History of Ancient Philosophy, History of Modern Philosophy, General Ethics, Logic, General Psychology, Educational Psychology,

Genetic Psychology, Child Psychology, Psychology of Music, and Psychology of Character Building.

1. GENERAL PSYCHOLOGY. A course of study dealing with the fundamentals of mental phenomena. I. (3)

2. EDUCATIONAL PSYCHOLOGY. An application of psychological principles to education. II. (3)

3. GENERAL ETHICS. An introduction to and principles of Ethics. I. (3)

4. LOGIC. An introduction to the deductive and inductive methods. II. (3)

5. HISTORY OF ANCIENT PHILOSOPHY. I. (3)

6. HISTORY OF MODERN PHILOSOPHY. II. (3)

7. INTRODUCTION TO THE PROBLEMS OF PHILOSOPHY. I. (3)
Not offered 1913-1914.

8. MODERN THINKERS. A critical study of the system of a modern philosopher. II. (3.) Not offered 1913-1914.

NOTE: The right to withdraw any of these courses is reserved unless chosen by four or more students.

PHYSICS.

MISS THOMPSON

1, 2. GENERAL PHYSICS—Collegiate Course. First semester. Mechanics, Molecular Physics and Heat. Second semester, Electricity, Sound and Light. Lectures and demonstrations with recitations on the text. Prerequisite, Academy Physics and Math. I. and II. I, II. (3)

3, 4. GENERAL PHYSICS—LABORATORY COURSE. Designed to accompany Course 1. Use of instruments of precision; quantitative measurements in Mechanics, Heat, Sound, Light and Electricity. The verification of the Laws of Physics. The determination of constants and co-efficients, and the manipulation of apparatus.

A description of each experiment must be recorded and the results shown systematically. One year. Four or six hours. One-half credit.

PUBLIC SPEAKING.

PROFESSOR OWEN.

1, 2. THE FUNDAMENTALS OF PUBLIC SPEAKING. Numerous short selections, drill in proper control of respiratory and vocal organs, for analysis and interpretation of thought. Text-book: Shurter, supplemented with Cumnock. I, II (1).

3, 4. DEBATE AND ORATORY. Texts used are Denney, Duncan and McKinney's *Argumentation*, Philips' *Effective Public Speaking*. Analysis of debates and orations. Practice in preparing briefs, drill in delivery will continue throughout. I, II (2).

III. INTERPRETATIVE study of Literature. Selections from Shakespeare, some verse from best nineteenth century poets, and one modern play are studied. Elective for students that have completed courses I and 2. I, II (2).

THE SOCIAL SCIENCES

PROFESSOR CARPENTER

HISTORY

1. a. History of Western Europe. Period 476-1453. Text: Robinson. A rapid review of the period. References and Syllabus. Required of Sophomores. I (3).

1. b. Philosophy of History. Period 476-1453. Adams' "Civilization During the Middle Ages" is used as a guide. Required of Sophomores. I, II (3).

2. The Reformation and Religious Wars. Period 1453-1648. Text-book. References and lectures. Required of Sophomores. II (3).

3. Modern History. Period 1648-1913. Text: Robinson and Beard, "The Development of Modern Europe." The social, political, industrial and constitutional development of Modern Europe. Elective for Juniors and Seniors. I, II (2).

4. ENGLISH CONSTITUTIONAL HISTORY. Texts: Montague and Maitland. Elective for Juniors and Seniors. II. (2).

5. Constitutional History of the United States. Text: Taylor's "Origin and Growth of the American Constitution." Traces the evolution of the American type of Commonwealth and Federalism as a system of government from earliest times. Lectures and References. Elective for Juniors and Seniors. II (3).

SOCIOLOGY

1. General Sociology. Lectures and References. The aim is to furnish the student with a simple outline of the origin, development, structure and problems of Society, and a scientific method of approaching the same. Elective for Juniors and Seniors. I (3).

2. The Socius. Text: Ellwood's "Sociology in Its Psychological Aspects." Elective for Juniors and Seniors. I, II (3).

ECONOMICS

1. Fundamentals of Economics. Text: Ely's "Outlines." Elective for Juniors and Seniors. I, (3).

POLITICS

1. American Political Problems. Text: Bryce's "American Commonwealth" is used as a guide. Lectures and References. The political parties and problems of our own times and country are discussed in the light of the framework of our government and the political experience and system of this and foreign countries. Elective for Juniors and Seniors. II, (3).

GRADUATE COURSES

The College gives opportunity to its own graduates and those of other institutions to do graduate work. Under the direction of the Faculty, courses will be outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give class room instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degree upon such as complete creditably the prescribed course and submit an approved thesis.

Full work for the Master's degree comprises the satisfactory completion of three graduate courses, each equivalent to five (5) hours per week throughout the school year. Not more than two of these shall be in any one department. The time for completing course is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Under no circumstances will a degree be conferred for less than full two years of non-resident work. Final examinations must in all cases be conducted at the College; others may be arranged for elsewhere at the expense of the candidate.

For further information, address the President.

THE ACADEMY

FACULTY OF THE ACADEMY

REV. H. D. HOOVER, A. M., PH. D.
President of the College and Instructor

REV. W. K. HILL, A. M., SC. D.
Instructor in Chemistry

JUSTIN L. VAN GUNDY, A. M., PH. D.
Instructor in Greek

WALLACE S. MURRAY, A. B.*
Instructor in German

GEORGE C. A. HANTELMANN, A. B.
Instructor in German

EMMA J. BELL, B. S.
Instructor in English and History

EMILY C. PENNOCK, B. S.
Instructor in Latin and History

MABEL HOPE MARTINIS, A. B.
Instructor in Science

DEENA THOMPSON, B. S.
Instructor in Mathematics

*Absent on leave 1912-13.

WORK OF THE ACADEMY

The Academy is under the immediate direction of the Faculty of the College. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for College, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place the work of the Academy is designed to furnish for young men and women who may be denied the advantage of a college course, as much training and culture as is possible in four years of secondary school work, under the most favorable conditions of atmosphere and environment.

Students that have finished the eighth year work in public schools will be prepared to enter the first year class of the Academy. Students that wish to enter an advanced class must bring a certificate of standings from an Accredited High School or Academy. Students from other schools will not receive full credit until they have proved themselves capable of doing advanced work.

Students that desire to take a general course in the Academy will be permitted to enter any classes for which their previous training fits them, provided the classes selected do not conflict on the schedule of recitations.

Sixteen units of credit, one of which shall be Bible, are required for graduation. A unit is the amount of work involved in five (or four) recitations each week for an entire school year. These sixteen units must be distributed uniformly over the four years' course. Each student is expected to pursue not more than four subjects beside Bible. Thus ordinarily four years will be necessary to secure the required sixteen units of credit. The faculty reserves the right to make special provision for mature students.

Further requirements for graduation are: four years of English of students that take less than two years of a foreign language; the study of Physics. Students that wish to enter college must so arrange their course as to conform to the College Entrance Requirements, p. 24.

The graduates of our Academy are entitled to admission on certificate to any of the institutions having membership in the North Central Association of Universities and Colleges. This association is composed of all the leading universities and colleges of the north central states, including Ohio on the east and Kansas and Colorado on the south and west.

COURSES OF STUDY

FIRST YEAR

ENGLISH D. Grammar and Composition. English Classics. 5 hrs.

HISTORY D. Greek History, first semester. Roman History, second semester. 4 hrs.

MATHEMATICS D. Algebra. 5 hrs.

LATIN D. Beginning Latin. 5 hrs.

SCIENCE D. Physiology, first semester. Physical Geography, second semester. 4 hrs.

BIBLE D. Bible Geography. 1 hr.

BIBLE E. Lecture. 1 hr.

SECOND YEAR

ENGLISH C. Practical Rhetoric and Composition. English Classics, college requirements. 5 hrs.

MATHEMATICS C. Geometry, Plane. 5 hrs.

HISTORY C. Mediæval History, first semester. English History, second semester. 4 hrs.

LATIN C. Cæsar. Latin Prose. 5 hrs.

SCIENCE C. Zoology, or Botany. 2 hrs. recitation, 4 hrs. laboratory.

BIBLE C. Bible Biography. 1 hr.

BIBLE E. Lecture. 1 hr.

THIRD YEAR

ENGLISH B. Practical Rhetoric and Composition. English Classics, college requirements. 4 hrs.

HISTORY B. United States History. Civics. 4 hrs.

LATIN B. Cicero. Latin Prose. 4 hrs.

GREEK B. Beginning Greek.

SCIENCE B. Chemistry. 2 hrs. recitation, 4 hrs. laboratory.

GERMAN B. Beginning German. 4 hrs.

BIBLE B. Men of the Old Testament; Willman. 1 hr.

BIBLE E. 1 hr.

FOURTH YEAR

ENGLISH A. Practical Rhetoric and Composition. 4 hrs.

MATHEMATICS A. Algebra, first semester. Geometry, Solid, or Astronomy, second semester 4 hrs.

SCIENCE A. Physics. 2 hrs. recitation, 4 hrs. laboratory.

LATIN A. Vergil. Prosody and Mythology. 4 hrs.

GREEK A. Xenophon's *Anabasis*.

GERMAN A. Second Year German. 4 hrs.

BIBLE A. Bible Literature. 1 hr.

BIBLE E. 1 hr.

BIBLE TRAINING SCHOOL

UPON THE JOHN C. MARTIN FOUNDATION

This department was brought into existence by the generosity of Mr. John C. Martin of New York City, and aims to meet a genuine need of the young people of today.

The Bible has had a tremendous influence upon the literature, education, and civilization of mankind. One who would thoroughly understand history must have a more or less complete knowledge of the Scriptures. Bible study is receiving greater attention today than ever before. Many eminent scholars have devoted their lives to the study and teaching of its truths. In harmony with this new interest in the great source Book, and in answer to the needs of the age, Carthage College offers a strong course of instruction in Biblical History, Literature, Philosophy, Ethics, Archaeology, and Pedagogy. The text books have been prepared by experts in this country and abroad, and are used in the best schools of the land.

In addition to courses described on page 34, the following courses are offered to students who wish to specialize in Bible study:

- BS. 1. Introduction to the Books of the Bible.
- BS. 2. New Testament Exegesis.
- BS. 3. History of Missions.
- BS. 4. Missionary Principles and Practice.
- BS. 5. Psychology of Religion.
- BS. 6. Comparative Religions.
- BS. 7. Preparation of Bible Readings.
- BS. 8. How to Conduct a Sunday School.
- BS. 9. Preparation for Teaching.

FOR ACADEMY STUDENTS

- A. Bible Literature. One hour.
- B. Bible Teachings. One hour.
- C. Bible Biography. One hour.
- D. Bible Geography. One hour.
- E. Lectures for all classes. Subject of course for 1913-1914:
The Life and Letters of Paul. One hour.

NOTE—A total of sixteen semester hours of Bible are required for graduation from the College and a minimum of a one hour course will be required of all students in each semester.

Each Academy student is required to take a one hour course and also attend the lecture course E.

For further information address the President of the College.

SCHOOL OF MUSIC

VOICE

MISS DAVIDSON

It is the aim of this department to present voice culture as an art and a science worthy the sincere consideration of the scholarly mind and not as a mere accomplishment; as a part of that culture which makes for broad education, not as a means merely to some professional end.

That method of voice production will be presented which will best preserve and strengthen the natural beauty of the voice and develop overtones of artistic quality.

That class of vocal music will be studied which will help to cultivate high musical ideals and broaden the intellectual horizon.

The following course is open to those who are capable of acceptably doing the work. It is not necessary that the pupil should be highly gifted musically, but he should have a natural love for music, a fair degree of health, a correct ear, and freedom from any abnormal condition of the vocal organs.

No definite length of time can be specified for the completing of this course, as the voices of some will develop more rapidly than others, and as some will more readily accomplish the work than others. Candidates for graduation are required to take at least four years of work and, as a rule, no one should hope to graduate from this department under twenty years of age, as a young undeveloped voice is incapable of doing the work prescribed in the latter part of the course.

COURSE IN VOICE

Exercise in breathing, tone placing, tone development and flexibility, sight reading and enunciation continue throughout the entire course, as do the study of musical form, artistic interpretation and expression.

Marzo's *The Art of Vocalization* will be used during the first year as a basis for technical study. This includes a methodically graded course in scales, arpeggios embellishments, etc., and in selected vocalizes by such composers as Panofka, Concone, Nava, Panseron, Lütgen and others.

After the first year arias from the operas of the 17th, 18th and 19th centuries are substituted for vocalizes.

The scope of songs to be studied is wide. This includes lyrical songs of the Elizabethan period, especially Shakespeare's songs, the folk songs of various nations, melodies of the North American Indian, and spirituals of the Southern negroes.

Songs by composers of the following schools of music, German, French, Norwegian, Russian, Italian, English and our own representative American composers. Arias from the oratorios, arias from Wagner's music dramas, and from still later operas of the French, German and Italian schools.

Each year a limited number of songs are thoroughly studied, but much of the work outlined above is in the nature of required reading, that is, the songs are sung over, so that the pupil may become acquainted with the characteristics of a certain composer, period or school of music.

The following are some of the composers whose music is included in this course: Schubert, Schumann, Brahms, Wagner, Richard Strauss, Rossini, Verdi, Mascagni, Puccini, Boito, Massenet, Thomas, Bizet, Gounod, Saint-Saens, Debussy, d'Indy, Charpentier, Grieg, Smetana, Arensky, Dvorak, Hugo Wolf, Reger, Borodine, Missourgski, Tchaikowsky, Rachmani-

noft Bantock, Liza Lehmann, Coleridge Taylor, Busch, McDowell, Chadwick, Nevin, Ruimel, La Forge, Cadman, Hadley, Mrs. H. H. A. Beach, Griffes, Carpenter.

GRADUATION

Candidates for graduation must have a general education equal at least to a high school course, must have had one year of German, French, History of Music, and two of Harmony, and must have completed the second grade in piano.

Candidates must also have undoubted musical taste and ability, must be able to sing at sight, be able to interpret and render songs artistically, and are required to give a graduating recital.

Candidates for graduation will be the only pupils permitted to appear in individual recital or to appear in recital as the only representative of the voice department.

QUARTET WORK

The study of four-voiced choruses and song cycles is offered to music students free of charge to develop ability in sight singing.

GLEE CLUBS

Boys' and Girls' Glee Clubs are formed for the study of glees and choruses of a classical and semi-classical nature.

CHORAL SINGING

Work along this line will consist of note reading and the study of choruses from the simplest four-voiced song forms to the great choruses from the oratorios and operas. The class is open to all who have sufficient musical knowledge to do the work.

HARMONY

Heacox and Lehmann's Lessons in Harmony will be used as a text book.

MUSIC HISTORY

Hamilton's *Outlines of Music History* will be used for text, with supplementary reading. All sincere students of music should not fail to take the above two studies, as otherwise an intelligent understanding of the art is impossible.

PIANO DEPARTMENT

MISS KOCH

It is the aim of this department to give to those who come under its supervision the best musical education possible, and to awaken aspirations for the highest ideals in art and every day life as well. To do this, pupils are advised to take as much of the theoretical work as possible in addition to the work in piano. In order to stimulate greater interest, pupils are urged to make use of every opportunity to hear good music, and to keep in touch with the happenings of the musical world. To further broaden their ability to interpret, pupils are urged to avail themselves of their opportunities and take courses in other departments as they have time for them. The following course of study is not rigidly followed, but selections are made as the need and individuality of the pupil require, as it is the aim of the department to develop well-rounded musicians, capable of expressing individual ideas in the interpretation of the compositions studied. Mere mechanical skill will, therefore, not suffice. Such skill is simply a means in interpretation.

ELEMENTARY

Fundamental principles of technique and phrasing, and their application in such compositions as the following: Mrs. Crosby Adams' *First Lessons at the Piano*; Tchaikowsky's *Album for the Young*; Schumann's *Album for the Young*; Bach's *Two Part Inventions*; Heller's *Preludes and Etudes*; Reinecke's *Sonatas*.

INTERMEDIATE

Further work in technique, and such compositions as the following: Mozart's *Sonatas*, Haydn's *Sonatas*, some of the easier Beethoven *Sonatas*, Bach's *Three Part Inventions*, MacDowell's *Woodland Sketches* and *Sea Pieces*, Schubert's *Moments Musicaux* and *Impromptus*, Mendelssohn's *Songs Without Words*, Chopin's *Nocturnes*, *Waltzes* and *Mazurkas*, Liszt's *Liebestraum*, etc.

ADVANCED

Further work in technique, and such compositions as the following: Greig's *Sonata* and *Ballade*, Brahms's *Sonata* and *Intermezzo*, Beethoven's *Sonatas*, Schumann's *Sonata* and *Etudes Symphonic*, Chopin's *Etudes*, *Scherzos* and *Ballades*, Liszt's *Etudes* and *Concertos*, Saint Saens's *Concerto*, Rubinstein's *Concerto*, etc.

EQUIPMENT

There are in the piano teacher's studio, which is situated in the main building, two pianos, an upright and a grand, also a clavier. A Mason & Hamlin grand piano is kept at the Trinity Lutheran Church, where all recitals are held, for recital use only. Several practice rooms are available for those who desire to practice at the College.

ENSEMBLE CLASS

To develop the pupils in ability to read at sight and in accuracy of rhythm, ensemble work is given once a week. No extra charge is made, and the work is open to all capable of doing it. Compositions which can be arranged for two pianos, but not readily adapted for solo work, such as the Dvorak *New World Symphony*, are used.

TECHNIQUE

Special work in technique will be given either in classes or privately. Different technical forms will be studied, followed by a study of the Chopin, Schumann and Liszt *Etudes* taken from a technical standpoint.

NORMAL TRAINING

This work is open only to those whom the teacher considers ready for such a course. The pupil must be taking other work in the department and be far enough advanced to understand the subject matter which will be discussed. A study of the muscles of the arm and hand, their functions and the means of developing them, will be taken up. A review of the different kinds of technique and their uses will be made, also a review of the rules and principles of phrasing, interpretation, rhythm and reading. The matter of selecting pieces suitable for different types of individuals and their needs, will be thoroughly discussed. The lectures will be practically illustrated by actually teaching in the presence of the class. Teaching work will be assigned each member, and the result criticized before the class.

RECITALS

Frequent recitals are given by the pupils capable of taking part, so as to accustom them to playing in public and that all may become familiar with the various compositions being studied. Numerous recitals are also given by the faculty of the music department. Other opportunities for hearing good music are offered by the college organizations, such as the Boys' Glee Club, the Girls' Glee Club, and Orchestra.

The requirements for completing a course are a year's work in the history of music, two years of harmony and an

amount of work in piano deemed satisfactory to the instructors, the length of time depending upon the ability and industry of the pupil.

ORGAN

Those intending to take work in pipe organ playing are urged to supplement it with work on the piano and in the theory of music, when possible. The fundamental principles of technique, both manual and pedal, rhythm, sight reading and phrasing are taught. Especial attention is paid to interpretation and registration. Such works as Lemmen's *Organ School*, Mendelssohn's *Organ Sonatas*, Bach's *Fugues*, Guilmant's *Practical Organist*, Dubois' *Tocata*, are used.

HARMONY

Two years will be required satisfactorily to complete the course in harmony. The work may be taken privately or in classes, either once or twice a week. Foote and Spaulding's *Harmony* will be used as a text. The work will include study in ear training in connection with the other requirements. Especial attention is given to original composition.

HISTORY

The course in the history of music is intended to cover a year's work. Untersteiner's *History of Music* will be used as a text, supplemented by outside reading.

RULES AND REGULATIONS

Instructors are not required to make up lessons lost through the absence of a pupil.

No deductions will be made for omitted lessons except in case of protracted illness.

Special vocal coaching for work outside the course will be given only to advanced pupils, and then on the condition that it does not interfere with the regular work.

Two years of ensemble work are required of graduates in the piano department.

All pupils are required to take part in pupils' recitals, which will be given from time to time during the year.

A statement of the work done by the pupil will be given if so desired.

For fees in music see page 22.

PHYSICAL CULTURE FOR WOMEN

MISS MABEL MARTINIS

It is our aim in this department to promote the physical well-being of each student, that the body may be made the sustaining and propelling power for the student's mental activity during the whole period of her college training, and also fitted for the performance of the duties of later life. The importance of daily exercise is emphasized, and the work undertaken of connecting physical irregularities and of promoting grace and ease in carriage. A variety of exercises is used, comprising esthetic exercises and drills for general physical development, both with and without apparatus.

PHYSICAL CULTURE FOR MEN

MR. BAIRD

Every man in college is required to take two hours' gymnasium work per week, or its equivalent in out-door athletics, for which one-half of a credit is given.

During the fall the men play football and have a moderate number of games scheduled with other institutions of

learning, the object being to give added interest in out-door exercise by giving men something extra for which to play, besides the mere daily routine. Men gain an additional benefit by meeting others in clean, honest games.

Carthage College can boast of a better gymnasium than many institutions of five or six times its enrollment. After Thanksgiving the men go into the gymnasium, taking regular drills in Indian club, bar bell, dumb bells and free hand movements, together with work on the French horse, ladders, parallel and horizontal bars. Much interest is taken in basket ball, and teams from neighboring schools and cities are played.

After March 1, track athletics are taken up and in-door and out-door interclass meets are held; also track meets with as many other colleges as time will permit.

The College Athletic Field is well equipped with 120-yard cinder path, jumping and vaulting places, ample room for the hurling of the weights, a good blue grass gridiron, a quarter-mile track and baseball diamond. It is convenient to the gymnasium, and is not surpassed by any such fields in this part of the country.

Carthage College's ideal of a man is one who is intellectual, and who has a physique which is not a disgrace to his intellect.

STUDENTS

THE COLLEGE

GRADUATE

| | |
|--------------------------|----------------------|
| Badger, Roy Mareen..... | Beatrice, Nebraska |
| Cannon, Blanche..... | North Liberty, Iowa |
| Eberhart, Clifford | Carthage |
| Herbst, J. M..... | Nachusa |
| Juchhoff, Edna..... | Chicago |
| Little, Roy..... | Beirut, Syria |
| Pennock, Emily C..... | Carthage |
| Reichle, C. D..... | Milwaukee, Wisconsin |

7

SENIOR CLASS

| | | |
|-------------------------|------------|------------------|
| Carlson, Esther Alfreda | Classical | Rockford |
| Dorow, Elizabeth Sylvia | Classical | Golden |
| Dorow, Erna Adelaide | Classical | Golden |
| Ferris, Dorothy Latham | Classical | Carthage |
| Grote, Caroline | Literary | Macomb |
| Parker, Karr | Scientific | Madisonville, Ky |
| Swaney, Dennis David | Classical | Nokomis, Ill. |
| Swaney, Luther Ambrose | Scientific | Nokomis, Ill. |
| Vornholt, Ellen Louise | Literary | Lisbon, Iowa |
| Walker, Hale Junius | Scientific | Carthage |
| Welge, Lynn Oscar | Scientific | Hillsboro |

11

JUNIOR CLASS

| | | |
|---------------------------|------------|----------|
| Berry, Frieda Coreene | Classical | Carthage |
| Chevillon, Eunice Emruth | Classical | Carthage |
| Clark, Nellie Marie | Classical | Polo |
| Craig, Florence Margaret | Scientific | Carthage |
| Getzendaner, Mark Abraham | Scientific | Polo |

| | | |
|-------------------------|------------|-----------------|
| Loomis,, Arthur Tull | Scientific | Dallas City |
| Rohrbaugh, Ona | Literary | Carthage |
| Seofield, Harriet | Scientific | Carthage |
| Snyder, Harmon Milton | Classical | Waverly, Ohio |
| Webb, Jasper Kent | Classical | Niota |
| Williams, Susan Kathryn | Scientific | Ft. Stockton, T |

11

SOPHOMORE CLASS

| | | |
|-----------------------------|-----------|------------------|
| Bannen, Hugh Francis | Group I. | Rockford |
| Blanke, Lillian Edith | Group IV. | Davenport, Iowa |
| Blanke, Mary Edna | Group IV. | Davenport, Iowa |
| Cherrill, Elizabeth Goodwyn | Group II. | Carthage |
| Coppin, Edith Lial | Group I. | Carthage |
| Crawford, Carroll Albert | Group IV. | Freeport |
| Gent, John Jacob | Group I. | Muscatine, Iowa |
| Hill, Katharine Kuhns | Group IV. | Carthage |
| Hill, Robert McLaughry | Group IV. | Carthage |
| Lambert, Earl Logan | Group IV. | Dakota |
| Parker, Beryl | Group I. | Madisonville, Ky |
| Pumphrey, Elizabeth Miriam | Group IV. | Carthage |
| Shupe, George Paul | Irregular | Mendon |
| Sympson, Enid Marie | Group V. | Carthage |

14

FRESHMAN CLASS

| | | |
|------------------------|------------|-----------------|
| Anderson, Agnes M. | Irregular | Shelby, Mich. |
| Botts, Forest Eliza | Group II. | Plymouth |
| Burner, Wahneta Marie | Group II. | Carthage |
| Byers, Otha Paul | Group IV. | Carthage |
| Coppin, Ralph Trowell | Group IV. | Carthage |
| Crane, Nettie Florence | Group III. | Lena |
| Cronk, Marie | Group II. | Carthage |
| Ebright, Oak Wood | Group IV. | N. Platte, Neb. |
| Fager, Eugene Philip | Irregular | Murphysboro |

STUDENTS

67

| | | |
|----------------------------|-----------|-----------------------|
| Flack, Elmer Ellsworth | Group I. | Mendon |
| Hamilton, Clara Marguerite | Irregular | Carthage |
| Holtgreve, Paul Nace | Group I. | Washington |
| Johnson, Mabel Arevella | Group I. | Rockford |
| Keckler, Ethel Leona | Group I. | Milledgeville |
| Kitch, John Raymond | Group IV. | Litchfield |
| Kline, Allen Sides | Group I. | Rock Falls |
| Krauss, William Carl | Group IV. | Jonesboro |
| Kraxberger, Lydia Theresa | Group II. | Albuquerque, N. M. |
| Kunkle, Cora Louise | Group II. | Carthage |
| Lawless, Carl Emerson | Irregular | Carthage |
| Mapes, Lester Ryan | Group IV. | Ferris |
| McCarty, Mary Catherine | Irregular | Carthage |
| McCreary, Eula Marie | Group IV. | Carthage |
| McMinimy, Guy Emerson | Group IV. | Carthage |
| Reidner, William Edward | Irregular | Ferris |
| Seibert, Edith Mary | Group II. | Chicago |
| Sweeney, Carrie Helen | Irregular | Carthage |
| Talbot, Bernice Bidwell | Irregular | Carthage |
| Tanner, Wilhelm Clinton | Irregular | Cairo |
| Theilbar, Clara Ruth | Group IV. | Washington |
| Wood, Ralph | Group IV. | Carthage |

31

SPECIAL STUDENTS

| | |
|----------------------------------|-------------------|
| Carlton, Claude Caleb..... | Carthage |
| Hartzell, Franklin MacVeagh..... | Carthage |
| Lionberger, Edith Ferris..... | Carthage |
| McMillan, Mary Ann..... | Carthage |
| O'Haver, William Russel..... | Denver |
| Parker, Lockie..... | Madisonville, Ky. |
| Symonds, Mary..... | Carthage |
| Simmons, Josephine..... | Carthage |

THE ACADEMY

FOURTH YEAR

| | |
|------------------------------|------------|
| Beckstrand, O. Garfield..... | Rockford |
| Carlin, Carl Ernst..... | Clayton |
| Carlin, Wilbur Earl..... | Clayton |
| Fleming, Chester..... | Denver |
| Griffiths, Grace Mabel..... | Pontoosuc |
| Hill, Lewis Rowland..... | Carthage |
| Shoup, Ethel H..... | Carthage |
| Simmons, Joseph F..... | West Point |
| Yetter, Bertha Chlorus..... | Carthage |
| Wolfe, Harold Edward..... | Carthage |

10

THIRD YEAR

| | |
|-----------------------------------|----------------------|
| Bannen, Robert..... | Rockford |
| Bollin, Mark Earl..... | Nauvoo |
| Dameier, Marie Henrietta | Lena |
| Griffiths, Edna Ellen..... | Carthage |
| Haynie, Helen..... | Buffalo Creek, Colo. |
| Hendricks, James Harold..... | Carthage |
| Hughett, Harold F..... | Carthage |
| Jackson, Josephine Christina..... | Carthage |
| Lawrence, Paul C..... | West Point |
| Lewis, Joseph F..... | Powellton |
| Kimmell, Eleanor..... | Carthage |
| Martin, Aurelia Starr..... | Elvaston |
| Ruggles, Ada Pearl..... | Carthage |
| Shipton, LaVeta..... | Carthage |
| Tripp, Charlotte Leone..... | Adrian |
| Trouth, Theodore John Jr..... | Sterling |
| Yetter, Eva Pearl..... | Carthage |
| Zimmerman, Myrtle Adah..... | Burnside |
| Zoechler, Benjamin..... | Davenport, Iowa |

19

STUDENTS

69

SECOND YEAR

| | |
|--------------------------------|-----------------|
| Austin, Portia..... | Carthage |
| Botkin, John M. | Denver, Ill. |
| Cullen, Grace Adelle..... | Chicago |
| Davis, Alberta Lula..... | Timewell |
| Hill, Ralph Marchand..... | Carthage |
| Hubbard, Andrew | Colusa |
| Jenkins, Ralph Allen..... | Carthage |
| Kaster, Meddie Jane..... | Greentop, Mo. |
| Lenix, Bernice..... | Carthage |
| Lovekamp, Selma Magdalena..... | Arenzville |
| Massie, Virgil | McCall |
| Meyer, Henry Fred..... | Steeleville |
| Miller, Bertha..... | Queen City, Mo. |
| Reed, Esther L..... | Plymouth |
| Walker, Aurelia Helen..... | Carthage |
| Wedding, Harvey Martin..... | Princeton |

16

FIRST YEAR

| | |
|-------------------------------|---------------|
| Blender, Bertha Caroline..... | Dallas City |
| Bolton, Florence Jessie..... | Nauvoo |
| Clapper, Rowena Clare | Greentop, Mo. |
| Hill, Constance..... | Carthage |
| Hubbard, William | Colusa |
| Jans, Fred Carl..... | Warsaw |
| Kent, Locie..... | Plymouth |
| Myrmel, Isabel Amanda | Shelby, Mich. |
| Nieft, Anna Elizabeth..... | Nokomis |
| Swaney, Beulah Illinois..... | Nokomis |
| White, Ruth Naomi | Elvaston |

11

SCHOOL OF MUSIC

VOICE

| | |
|---------------------------------|--------------------|
| Anderson, Agnes M..... | Shelby, Mich. |
| Berry, Frieda Coreene..... | Carthage |
| Blanke, Lillian Edith..... | Davenport, Iowa |
| Cronk, Marie..... | Carthage |
| Cullen, Grace Adelle..... | Chicago |
| Davidson, Mary..... | Carthage |
| Dorow, Erna Adelaide | Golden |
| Ebright, Oak Wood..... | North Platte, Neb. |
| Fager, Eugene Philip..... | Murphysboro |
| Fisher, Caroline | Payson |
| Getzendaner, Mark Abraham | Polo |
| Greer, Nellie Deane..... | White Hall |
| Hantelmann, Prof. G. C. A..... | Nashville, Tenn. |
| Hendricks, James Harold..... | Carthage |
| Hill, Katherine Kuhns..... | Carthage |
| Hill, Robert McLaughry..... | Carthage |
| Hoover, Grace Stock..... | Carthage |
| Holtgreve, Paul Nace..... | Washington |
| Howard, Ethel M..... | Carthage |
| Kline, Allen Sides | Rock Falls |
| Krauss, William Carl..... | Jonesboro |
| Lawless, Carl Emerson..... | Carthage |
| Lionberger, Edith Ferris..... | Carthage |
| Loomis, Arthur Tull..... | Dallas City |
| Lovett, Ethel Thompson..... | Carthage |
| McMillan, Mary Ann..... | Carthage |
| McMinimy, Guy Emerson..... | Carthage |
| Miller, A. L..... | Carthage |
| Miller, Mrs. A. L..... | Carthage |
| O'Harra, Gladys June..... | Carthage |
| Pumphrey, Elizabeth Miriam..... | Carthage |

STUDENTS

71

| | |
|------------------------------|---------------------|
| Runyon, R. S..... | Carthage |
| Snyder, Harmon Milton | Waverly, Ohio |
| Swaney, Luther Ambrose..... | Nokomis |
| Sweeney, Carrie Helen..... | Carthage |
| Symonds, Mary..... | Carthage |
| Sympson, Enid Marie..... | Carthage |
| Trouth, Theodore John..... | Sterling |
| Walker, Hale Junius..... | Carthage |
| Walker, Helen Joy..... | Carthage |
| Wedding, Harvey Martin | Princeton |
| Welge, Lynn Oscar..... | Hillsboro |
| Williams, Susan Kathryn..... | Fort Stockton, Tex. |
| Yutzy, Anna | Carthage |

44

PIANO

| | |
|---------------------------------|---------------|
| Anderson, Agnes M. | Shelby, Mich. |
| Botts, Forest Eliza..... | Plymouth |
| Bruce, Helen..... | Carthage |
| Cherril, Elizabeth Goodwyn..... | Carthage |
| Clark, Virginia..... | Carthage |
| Dävidson Mary..... | Carthage |
| Doud, Mrs. R. F..... | Ferris |
| Ferris, Phoebe..... | Carthage |
| Fisher, Caroline | Payson |
| Flynn, Lelia..... | Carthage |
| Graham, Helen..... | Denver |
| Griffiths, Grace Mabel | Pontoosuc |
| Griffiths, Edna Ellen..... | Carthage |
| Harnest, Pauline..... | Carthage |
| Hartzell, Eloise..... | Carthage |
| Hoch, Helen..... | Carthage |
| Hubbard, William..... | Colusa |
| Huston, Helen..... | Carthage |

| | |
|-----------------------------------|---------------|
| Jackson, Josephine Christina..... | Carthage |
| Jacoby, Mary..... | Carthage |
| Kaster, Meddie Jane..... | Greentop, Mo. |
| Kemp, Imogene | Bowen |
| Link, Gale..... | Carthage |
| Lionberger, Edith Ferris..... | Carthage |
| Lovekamp, Selma Magdalena..... | Arenzville |
| Lyon, Emily..... | Carthage |
| McCollom, Florence..... | Carthage |
| McCullough, Ruth..... | Carthage |
| Nieft, Anna Elizabeth..... | Nokomis |
| Owsley, Miriam..... | Carthage |
| Perry, Mary..... | Carthage |
| Shipton, LaVeta | Carthage |
| Strader, Mrs Frank..... | Carthage |
| Swaney, Beulah Illinois | Nokomis |
| Symonds, Mary..... | Carthage |
| Talbot, Bernice Bidwell..... | Carthage |
| VanGundy, Justine..... | Carthage |
| Vornholt, Ellen Louise..... | Lisbon, Iowa |
| Walker, Aurelia Helen..... | Carthage |
| Walker, Hale Junius..... | Carthage |
| Walker, Helen Joy..... | Carthage |
| Williams, Miriam..... | Carthage |
| Yutzy, Anna | Carthage |
| Zimmerman, Myrtle Adah..... | Burnside |

PIPE ORGAN

| | |
|--------------------------------|---------------|
| Anderson, Agnes M. | Shelby, Mich. |
| Kunkel, Grace..... | Carthage |
| Lovekamp, Selma Magdalena..... | Arenzville |
| Talbot, Bernice Bidwell..... | Carthage |
| Yutzy, Anna..... | Carthage |

STUDENTS

73

HARMONY

| | |
|----------------------------------|----------------------|
| Anderson, Agnes M..... | Shelby, Mich. |
| Berry, Frieda Coreene..... | Carthage |
| Blancke, Lillian Edith | Davenport, Iowa |
| Cherrill, Elizabeth Goodwyn..... | Carthage |
| Clark, Nellie Marie..... | Polo |
| Lionberger, Edith Ferrris..... | Carthage |
| Lovekamp, Selma Magdalena | Arenzville |
| McMillan, Mary Ann..... | Carthage |
| O'Harra, Erma Rand..... | Carthage |
| Pumphrey, Elizabeth Miriam..... | Carthage |
| Symonds, Mary..... | Carthage |
| Sympson, Enid Marie..... | Carthage |
| Talbot, Bernice Bidwell..... | Carthage |
| Walker, Helen Joy..... | Carthage |
| Williams, Susan Kathryn..... | Fort Stockton, Texas |
| Yutzy, Anna..... | Carthage |

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HISTORY

| | |
|----------------------------------|---------------|
| Anderson, Agnes M..... | Shelby, Mich. |
| Cherrill, Elizabeth Goodwyn..... | Carthage |
| Lionberger, Edith Ferris..... | Carthage |
| Symonds, Mary..... | Carthage |
| Talbot, Bernice Bidwell..... | Carthage |
| Walker, Helen Joy..... | Carthage |
| Yutzy, Anna..... | Carthage |

7

TEACHERS' COURSE

| | |
|----------------------------------|---------------|
| Anderson, Agnes M. | Shelby, Mich. |
| Cherrill, Elizabeth Goodwyn..... | Carthage |
| Lionberger, Edith Ferris | Carthage |
| Lovekamp, Selma Magdalena | Arenzville |
| Talbot, Bernice Bidwell..... | Carthage |

| | |
|------------------------|----------|
| Walker, Helen Joy..... | Carthage |
| Yutzy, Anna..... | Carthage |

7

VIOLIN

| | |
|-----------------------|--------------|
| Davis, Harry | Carthage |
| Harberts, Chris..... | Carthage |
| Jacoby, Frank..... | Carthage |
| Jergens, Frank..... | Carthage |
| Johansen, Virgil..... | Carthage |
| Kearney, John..... | Keokuk, Iowa |
| Loeschen, L..... | Bentley |
| Smith, D. R..... | Bowen |

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SUMMARY

THE COLLEGE:

| | | |
|------------------|----|----|
| GRADUATE | 8 | |
| SENIORS | 11 | |
| JUNIORS | 11 | |
| SOPHOMORES | 14 | |
| FRESHMEN | 31 | |
| SPECIAL | 8 | 83 |

THE ACADEMY:

| | | |
|-----------------------|----|----|
| FOURTH YEAR | 10 | |
| THIRD YEAR | 19 | |
| SECOND YEAR | 16 | |
| FIRST YEAR | 11 | 56 |
| SCHOOL OF MUSIC | | 92 |

231

| | | |
|----------------------|--|----|
| NAMES REPEATED | | 47 |
|----------------------|--|----|

| | | |
|-------------|--|-----|
| TOTAL | | 184 |
|-------------|--|-----|

ALUMNI ET ALUMNAE

OFFICERS OF THE ASSOCIATION

| | |
|------------------------------|-----------------------|
| President..... | J. ARTHUR BAIRD, '00 |
| First Vice President..... | C. J. O'HARRA, '06 |
| Second Vice President..... | J. C. FERRIS, '78 |
| Third Vice President..... | HELEN FERRIS, '03 |
| Recording Secretary..... | EMILY PENNOCK, '00 |
| Corresponding Secretary..... | HELEN GRIFFITH, '07 |
| Treasurer..... | S. H. FERRIS, '82 |
| Editor..... | MABEL MARTINIS, '98 |
| Biographer..... | DR. C. L. FERRIS, '76 |
| College Trustee..... | DR. C. L. FERRIS, '76 |

1875.

| | |
|---|---------------------------------------|
| James M. Cromer, A. M., D. D., minister..... | |
| ..... | 2720 E. 36th Street, Kansas City, Mo. |
| *Ida Harris King, A. M..... | Prescott, Iowa |
| Maggie Taylor Bowers, A. M..... | Boise City, Idaho |
| Kate Thummel Fisher, M. S., 20 The Green, Dover, Delaware | |

1876.

| | |
|---|-----------------|
| *Hon. George A. Anderson, A. M..... | Quincy |
| *Grace Cherrill, B. S..... | Carthage |
| Ben L. Cress, M. S., Civil Engineer..... | Red Cliff, Col. |
| J. M. Dempster Davidson, A. M., D. D., General Mis- | |
| sionary, Diocese of Quincy..... | Macomb |
| Oscar M. Easterday, M. S..... | Palo Alto, Cal. |

*Deceased. Last residence given.

†The faculty and the officers of the Association desire to have the correct address of every graduate. It will be deemed a favor if the President of the college and the secretary of the Association be informed of errors and of changes in address.

| | |
|--|----------------------------|
| Ina Elder, A. M., Principal of High School..... | Felsmere, Fla. |
| Joseph C. Elder, M. S..... | Felsmere, Fla. |
| Charles L. Ferris, A. M., M. D., Physician..... | Carthage |
| J. Q. A. Kimmel, M. S., LL. B., attorney-at-law..... | |
| ..... | Murphysboro |
| Sophonra Nesbit, A. M..... | Hood River, Oregon |
| *Hattie Scofield Cromer, A. M..... | Kansas City, Mo. |
| T. J. Scofield, A. M., Attorney..... | 7221 Jeffery Ave., Chicago |
| Rose Spitler Scofield, A. M..... | Carthage |
| Judge A. A. Wolfersperger, M. S., attorney-at-law..... | Sterling |

1877.

| | |
|--|-----------------------|
| *George H. Albright, A. M. | |
| *Jennie Fletcher, M. S..... | Carthage |
| Mary Hawley Findley, M. S..... | Wichita, Kansas |
| *Addie Logan Ray, A. M..... | Chester |
| Laura A. Manier, A. M., music teacher..... | Carthage |
| Emma Sample Darrough, M. S..... | Red Bluff, Cal. |
| Julia Scofield McKemey, A. M..... | Fairfield, Iowa |
| Rev. James E. Weir, A. M., real estate and insurance agent | |
| ..... | Grand Junction, Colo. |
| *J. J. Williams, A. M., attorney-at-law..... | Carthage |

1878.

| | |
|--|--------------------------------|
| *L. P. Cravens, A. M..... | Lake City, Minn. |
| Mary Margaret Cravens, A. M., teacher..... | Richland, Mo. |
| Emma J. Cromer Ladd, A. M..... | Sheldon, Iowa |
| Charles S. DeHart, A. M., financier..... | Carthage |
| John F. Fair, A. M., M. D., physician..... | Freeport |
| Junius Colton Ferris, A. M., M. E., banker..... | Carthage |
| William G. Gettle, A. M., minister..... | Table Rock, Neb. |
| E. Clark Hughes, A. M., LL. D., U. S. Dist. Judge..... | |
| ..... | St. Paul Flats, Seattle, Wash. |

J. Frank Keefer, A. M., M. D., physician.....Sterling
 George W. Loop, A. M., farmer.....Huntsville
 Charles M. McMillan, B. S., insurance agent.....Carthage
 M. G. Rohrbaugh, M. S., pres. business college.....
555 S. 26th St., Omaha, Neb.

1879.

Caroline Bartlett Crane, A. M., minister.....Kalamazoo, Mich.
 Alice E. Crawford Sanford, M. S.....Palo Alto, Cal.
 *Rev. Peter Ewald, A. M.
 W. G. W. Geiger, A. M., attorney-at-law.....Tipton, Iowa
 Frank H. Helsell, A. M., circuit judge.....Sioux Rapids, Iowa
 Scott M. Ladd, M. S., LL. D., judge supreme court.....
Sheldon, Iowa
 *Flora Manier Geiger, A. M.....Tipton, Iowa
 Nellie Nesbit Hunn, A. M.....Des Moines, Iowa
 Fernando Sanford, M. S., head professor of physics in
 Leland Stanford Jr. University.....Palo Alto, Cal.
 Albert B. Shrader, A. M., minister.....
413 N. 6th St., Kansas City, Kansas
 H. M. Swope, A. M., attorney-at-law.....Quincy
 Mary V. Thompson Harris, M. S.....Carthage
 Hattie L. Tillapaugh Shrader, M. S.....
413 N. 6th St., Kansas City, Kansas
 William H. Weaver, M. S., M. D., physician.....
McDonoughville, La.

1880.

Stephen K. Bittenbender, A. M., farmer.....
Northwestern, California
 Frank H. Campbell, M. S., M. D., physician.....Clafin, Kansas
 Robert L. Casburn, M. S., M. D., physician.....Carthage
 Emma DeHart Hughes, A. M.....Seattle, Wash.

| | |
|---|--|
| Joseph G Gilerist, M. S., civil engineer..... | Brookfield, Mo. |
| Minnie Gilchrist Wood, M. S..... | Ridgewood, N. J. |
| Frank H. Graves, A. B., attorney..... | |
| ..... | 515 E. 16th Ave., Spokane, Wash. |
| M. Blanche Griffin McArthur, M. S..... | Hamilton |
| W. D. Henkle, A. M., printer..... | |
| ..... | 13th and Dickinson Sts., Philadelphia, Pa. |
| Rev. Herman Juilfs, A. M..... | White Oak, Ohio |
| M. Inez Robbins Bickford, M. S..... | Plymouth |
| Andrew S. Zimmerman, A. M., minister..... | Newark, N. J. |

1881.

| | |
|---|--------------------|
| Will O. Carlton, B. S., editor..... | Cambria, Wyo. |
| William F. Ebright, A. M., teacher..... | North Platte, Neb. |
| Adelia Griffin Barnett, B. S., 2640 Prospect Ave..... | |
| ..... | Kansas City, Mo. |
| *Frank C. Harris, B. S..... | Los Angeles, Cal. |
| Edgar F. Hurdle, B. S., farmer..... | Wheatland, Wyo. |
| Josiah Kuhn, B. S., minister..... | Atchison, Kansas |
| Joseph H. Miller, A. M., M. D., physician..... | Surprise, Neb. |
| *Clifford C. Musser, A. M. | |
| Mary Overman Damrell, B. S..... | Hastings, Neb. |
| *W. P. Overman, B. S. | |
| John K. Reed, B. S., minister..... | Phoenix, Ariz. |
| Walter Vanzile, B. S., farmer..... | Rowland, Ala. |
| R. D. Zimbeck, A. M., M. D., physician..... | Montevideo, Minn. |

1882.

| | |
|--|--|
| Oscar E. Aleshire, A. M., insurance agent..... | |
| ..... | 1933 Insurance Exchange Bldg., Chicago |
| Stephen H. Ferris, A. M., banker..... | Carthage |
| A. C. T. Geiger, A. M., district judge..... | Oberlin, Kansas |
| Kate Griffith Hill, A. M..... | Carthage |

| | |
|--|------------------------------------|
| *Francisca Hopp Geiger, A. M..... | Oberlin, Kansas |
| David E. Mack, A. M., attorney-at-law..... | Carthage |
| Florence J. Mereness Tressler, M. S..... | Montpelier, Ohio |
| George H. Schnur, A. M., minister..... | |
| ..... | 749 Marshall Ave., St. Paul, Minn. |
| *William N. Weir, B. S., M. D..... | Carthage |
| Frank Wertz, A. M., attorney-at-law..... | Forreston |
| Susan Williams, M. S..... | Carthage |

1883.

| | |
|---|-----------------------------------|
| Alice Biery Miller, B. S..... | Dixon |
| W. Henry Blancke, A. B., D. D., minister..... | Dixon |
| ..... | 1412 Main St., Davenport, Iowa |
| Fannie M. Dryden, A. M., Religieuse in Convent of Sacred Heart..... | New York City |
| Noah Fritz, A. B., manufacturer..... | Onida, S. D. |
| *Edwin S. Hoffman, A. B..... | Hornellsville, N. Y. |
| *Mamie Hooker Daoust, A. B..... | Defiance, Ohio |
| D. Alban Kistler, B. S.,..... | 2079 Cropsey Av., Brooklyn, N. Y. |
| Adam Schafer, A. B., Ph. D., minister..... | Reno |
| Henry A Spielman, A. B., merchant..... | Topeka, Kansas |
| Jessie Williams Hart, A. M..... | Ontario, Cal. |
| Lillie Zimmerman Schafer, A. B..... | Reno |

1884.

| | |
|------------------------------------|----------------------------|
| Roberta Brewer Risse, B. S..... | Carthage |
| Julia Ferris Hubbs, B. S..... | Lebanon, Ore. |
| E. Lee Fleck, A. B., minister..... | 1331 J. St., Lincoln, Neb. |
| Mattie Gray, B. S..... | Elderville |
| Olive Hosford Fleck, A. B..... | 1331 J. St., Lincoln, Neb. |
| Lura V. Thompson Porter, A. M..... | Pantoul |

1885.

| | |
|---|--------------------------------|
| Clara Browning Johnson, A. B..... | Keokuk, Iowa |
| Minerva Holland, A. B., clerk..... | Carthage |
| *W. J. Martin, A. B. | |
| *A. L. Miller, B. S., M. D..... | Dixon |
| George A Rohrbaugh, A. B., teacher in business college | 1330 S. 30th Ave., Omaha, Neb. |
| Ralph E. Scofield, A. B., attorney-at-law..... | Kansas City, Mo. |
| J. E. Williams, A. M., merchant..... | Carthage |

1886.

| | |
|-------------------------------------|-----------------------|
| Edwin Bollman, A. M., minister..... | Oxford Junction, Iowa |
| Sarah L. Hyde Mensel, A. B..... | Northampton, Mass. |
| C. B. Lintwed, A. B., minister..... | Jersey Shore, Pa. |
| Elizabeth Nace Holtgreve, A. B..... | Washington |

1887.

| | |
|---|------------------------------------|
| Paul B. Holtgreve, A. B., D. D., minister..... | Washington |
| *Rev. John N. Hyde, A. B., missionary.... | Lodiana, Punjab, India |
| Julia Kellogg Goldwater, A. B..... | Aberdeen, Wash. |
| Abbie Kuhl Rizer, B. S..... | 4572 Duncan Ave., St. Louis, Mo. |
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| *Sallie Manier, A. B..... | Carthage |
| Rev. E. H. Mensel, A. M., Ph. D., Prof. of German Lan- guage and Literature, Smith College, Northampton, Mass. | |
| William H. Naffziger, A. M., minister..... | |
| ..... | 119 West State St., Alliance, Ohio |
| Mary Tressler Newcomer, A. M..... | Carthage |

1888.

| | |
|---|--------------------|
| Hugh M. Bannen, A. M., D. D., minister..... | Rockford |
| Albert F. Ernst, A. M., minister..... | Grand Island, Neb. |

Fred W. Hawley, A. M., D. D., President Henry Kendall
 CollegeTulsa, Okla.
 Rev. Albert Miller, A. B., missionary.....Shantifu, China
 Harry H. Whitten, A. B., M. D., physician.....Batavia

1889.

W S. Dysinger, A. B., minister.....
1518 Jacob St., Wheeling, W. Va.
 C. B. Newcomer, A. M., Broker.....Carthage
 Bess A. Tressler Maloney, A. B.....Polo

1890.

Belle Bolton Balmer, B. S.....Loomis, Cal.
 J. L. Mishler, B. S., farmer.....Pearl City
 L. J. Motschman, A. B., minister.....Newport, Ky.

1891.

Cleophas C. O'Harra, A. B., Ph. D., President of State
 School of Mines.....Rapid City, S. Dak.

1892.

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 H. C. Funk, A. B., minister.....1816 J St., Sacramento, Cal.
 Mrs. Lillian Monk, B. L....1617 S. Flower St., Los Angeles, Cal.
 R. W. Saer, A. B., banker.....Carthage

1893.

Mollie Marvel O'Harra, B. S.....Rapid City, S. Dak.

1894.

| | |
|---|--------------------------------------|
| Will M. Beck, A. B. | Lancaster, Ohio |
| Nellie Cherrill Merrill, B. L. .... | ..... |
| ..... | 602 Mumford Court, Kansas City, Mo. |
| George C. Cromer, A. B. | Louisville, Ky. |
| Maggie Delo, B. S., head Latin dept., high school. .... | ..... |
| ..... | 633 E. 6th St., Oklahoma City, Okla. |
| Joseph Hegener, A. B., minister. | Colorado Springs, Colo. |
| Herbert L. Jackson, A. B., attorney-at-law. | Prosser, Wash. |
| Penfield E. Mason, A. M., Cable Piano Co. .... | ..... |
| ..... | South Haven, Mich. |

1895.

| | |
|--|------------------------------------|
| E. K. Cherrill, A. B., Vice President Merchants' Exchange National Bank. | New York City |
| T. Edwin Gill, B. S. | 196 West Fourth St., Pueblo, Colo. |
| *J. Louis Nace, A. B. | Carthage |
| C. W. Ramsey, B. S., carpenter. | Address Unknown |
| J. Kent Rizer, A. M., minister, 4572 Duncan Ave., St. Louis, Mo. | |
| *Eddy Robbins, B. S. | Carthage |
| Annie E. Sanford, A. B., missionary. | Guntur, India |
| O. B. Turner, A. B., farmer. | Plymouth |

1896.

| | |
|--|-----------------|
| Effie Cromer Nelson, B. S. | Address Unknown |
| M. Isabel Felgar Wilson, B. S. | Ferris |
| Leona May McAnulty, B. S., teacher Macomb high school. .... | ..... |
| ..... | Carthage |
| John H. McCulloch, A. B., minister. | Iowa City, Iowa |
| Matie H. Schlenker, B. L., teacher, 625 Division St., Toledo, O. | |

1897.

Matthew M. Anderson, B. L., printer.....Fort Madison, Iowa
 M. Golden Davidson Williams, B. S.....
3400 Chicago Ave., Minneapolis, Minn.
 Frederick W. Jasper, B. L., bookkeeper.....Newton, Iowa
 Alice L. Marvel Ruggles, B. S.....Hamilton
 Mary C. Noyes McKee, B. S.....Orono, Maine
 Samuel B. Robbins, A. B.....Carthage

1898.

*Claudius Knudten, A. B.....Chicago
 Mabel Hope Martinis, B. S., Deau of Women, Carthage
 College.....Carthage
 Chas. J. Tressler, A. B., attorney, Swift & Co.....
9942 Longwood Drive, Chicago

1899.

Royal B. Brandon, B. S., farmer.....Fountain Green
 Charles C. Carlton, B. S., lawyer.....
1338 Upas St., San Diego, Cal.
 John M. Herbst, A. B., minister.....Nachusa
 Theo. J. Jensen, A. B., physician.....Breklum, Germany
 Alfred R. Kent, B. S., lawyer and banker.....
322 W. 12th Street, Kansas City, Mo.
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 Herbert S. Salisbury, B. S., surveyor and engineerFerris
 Morgan L. Webb, B. S., B. D., minister.....Camden, Ind.

1900.

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 James A. Baird, A. B., Physical Director Carthage College;
 county judgeCarthage

| | |
|---|----------------------------------|
| Maud Elder Matthis, B. L..... | Hamilton |
| H. G. Ferris, B. S., traveling salesman..... | Warsaw |
| Samuel Naylor, Jr., A. B., lawyer..... | Carthage |
| F. H. Ottman, A. B., prin. Commercial department, high school | 7209 Kedron Ave., Pittsburg, Pa. |
| Emily C. Pennock, A. M., teacher in C. C. Academy, Carthage | |
| Tilden F. Phillips, B. S., high school teacher, Duluth, Minn. | |
| Bess J. Ringheim Tressler, B. S., 9942 Longwood Drive, Chicago | |
| Ellen B. Schuff, A. M., missionary..... | Guntur, India |
| Anna L. Simmons, B. S., high school principal, Nevada, Iowa | |
| Charles E. Sparks, A. M., minister..... | York, Neb. |

1901.

| | |
|---|-------------------------|
| Lucy S. Cherrill Marsh, B. S., 828 Franklin St., Keokuk, Iowa | |
| Ida J. Helfrich, B. L., high school teacher..... | Carthage |
| Harold Lee Jones, B. S., traveling salesman..... | |
| ..... | 5528 Lake Ave., Chicago |
| Bertha Lane Webb, B. S..... | Camden, Ind. |

1902.

| | |
|--|----------------------------------|
| Mary E. Crotzer, B. S..... | Lena |
| Clyde Cutler, B. S..... | 1111 Argyle St., Chicago |
| George H. Fonken, A. B., sec'y Y. M. C. A..... | |
| ..... | 1911 Anthony Ave., New York City |
| Ben L. Matthis, B. S., farmer..... | Hamilton |
| Elizabeth T. Mayor, A. B. | Carthage |
| Helen M. Noyes, B. S., teacher in mathematics..... | |
| ..... | Ferry Hall, Lake Forest |

1903.

| | |
|---|--|
| John Culkin, Jr., A. B., farmer | Carthage |
| Helen Ferris, A. M., teacher in English, high school..... | |
| ..... | 215 W. 10th St., Hadden Hall, Oklahoma City, Okla. |

A. Earl Isham, A. B., D. B. ministerRedlands, Cal.
 Ethel E. McAnulty Brown, B. B., 522 Nims St., Wichita, Kan.
 John H. McCallister, A. B., farmer.....Carthage
 Margaret Proctor, A. B., high school teacher.....Carthage
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 Blanche Webb Scofield, B. S.....Wabash, Ind.

1904.

Harriet Davis Gibson, B. S., teacher.....Ferris
 Clyde P. Johnson, B. S., state's attorney.....Carthage
 Carrie M. McCollum Rasmussen, B. S.....
104 N. Gunnison Ave., Burlington, Iowa
 William D. Sifferd, B. S., electrician.....Springfield, Ohio
 Anna M. Wilhelmsen Picard, A. B., missionary.....
Beara, Province de Fort Dauphin, Madagascar
 O. W. Williams, B. S., surveyor.....Fort Stockton, Tex.

1905.

Frederick A. Johnson, A. B., ministerFowler, Ind.
 Marie Rosenstengel Sanford, B. S.....918 North St., Peoria
 Cora Listmann, grad. in music, teacher of music, Beardstown
 Helen R. Shrader Kent, grad. in music.....
3318 Garfield Ave., Kansas City, Mo.
 Edith Gunn Seebirt, grad. in music, teacher, South Bend, Ind.
 Maud Hewitt Brockman, grad. in music.....Beardstown

1906.

*Tressler Barr, B. S.....Fountain Green
 William R. Frerichs, A. B., minister, Prof. of Greek and
 German, McMinnville College.....McMinnville, Oregon
 Bessie Noble Guthrie, A. B., teacher.....Stillwell

| | |
|--|------------------------------------|
| Clifton J. O'Harra, B. S., LL. B., lawyer..... | Carthage |
| Erma Rand O'Harra, A. B..... | Carthage |
| William Webb, B. S., LL. B., lawyer..... | |
| ..... | University Club, Bridgeport, Conn. |
| Earl W. Wood, B. S., lawyer..... | Hamilton |
| Edythe Burnette McCallister, grad. in music..... | Bentley |
| Etta Galloway Hooker, grad. in music..... | Altus, Okla. |
| Jessie Kirkpatrick Smith, grad. in oratory..... | Carthage |

1907.

| | |
|--|--|
| James D. Baird, B. S., LL. B., city attorney..... | Carthage |
| Emma J. Bell, B. S., instructor in C. C. Academy, Carthage | |
| Engenia M. Bell, B. S., teacher..... | Dollar Bay, Mich. |
| Ruth Ferris, M. S., high school teacher..... | Quincy |
| Helen Griffith, B. S..... | Carthage |
| J. C. Helms, B. S., LL. B., lawyer..... | |
| ..... | 500-8 Majestic Bldg., Oklahoma City, Okla. |
| Alma Kammerer, A. B., teacher..... | Ekalaka, Mont. |
| Jessie Kirkpatrick Smith, A. B..... | Carthage |
| Alice M. Listmann Sundberg, B. S..... | Ottumwa, Iowa |
| *Frank Nord, A. B..... | Davenport, Iowa |
| Edith O'Harra Walker, B. S..... | Keokuk, Iowa |
| Deena Thompson, B. S., teacher in C. C. Academy.... | Carthage |
| Laura Schwab Thompson, grad. in music | Superior, Wyo. |

1908.

| | |
|---|----------------------------------|
| George T. Crossland, B. S., J. D., lawyer..... | |
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| Alfred Heitman, A. B., teacher high school..... | |
| | 2606 Jones St., Sioux City, Iowa |
| Carl A. Sundberg, A. B., D. B., minister..... | Ottumwa, Iowa |
| Henry S. Walker, B. S., LL. B., lawyer..... | Keokuk, Iowa |

1909.

| | |
|---|----------------------------------|
| Paul A. Beulow, A. B., B. D..... | Tekamah, Neb. |
| Ola Huston, A. M., high school teacher..... | Shenandoah, Iowa |
| Leonard Martin, B. S., LL. B., attorney, Knapp & Campbell | Chicago, Ill. |
| Lee Siebenborn, B. S..... | 2154 Marshall Blvd., Chicago |
| Carl Walter, B. S., insurance agent | 1522 Taylor Ave., Seattle, Wash. |
| Hazel Hammond Walters, grad. in music..... | Seattle, Wash. |
| Lessie Felgar, grad. in music, music teacher..... | West Point |

1910.

| | |
|--|---|
| Clifford Everhart, A. M., | Carthage |
| Forrest L. Harnest Callihan, B. S..... | Galesburg |
| Flossie Harris, A. B., teacher in high school..... | Dallas, City |
| Clarence Hightower, A. B., minister..... | Lancaster |
| Alma Horney, B. S..... | Carthage |
| Lawrence Huey, B. S., employment manager..... | 1403 S. Summit Ave., Sioux Falls, S. Dak. |
| Edna B. Huston, A. B., high school teacher, Shenandoah, Ia. | |
| Roy Little, A. B., teacher in Syrian Protestant College..... | Beirut, Syria |
| Lewis, W. Rupp, M. A., Theol. student..... | Maywood, Ill. |
| Mark Tandy, B. S., | Dallas City |
| Christian P. Tranberg, A. B., minister.... | East Germantown, Ind. |
| Grace Mack, grad. in oratory, stenographer..... | Rock Island |
| Blanche Cannon, A. B., teacher Union Academy..... | Anna |

1911.

| | |
|---|-------------------|
| Blanche Chevillon, B. S., teacher in high school..... | Painesdale, Mich. |
| Lenore Chevillon, B. S., teacher in high school.... | Adams, Oregon |

| | |
|---|---------------------------------|
| Floy Davidson, A. B., teacher in high school, Union, Oregon | |
| Grace Davidson, A. B., teacher in high school..... | Carthage |
| William Getzendaner, B. S., fruit grower..... | Trinidad, Wash. |
| Harry Hartman, B. S., teacher in high school..... | LeMars, Iowa |
| Esther Hill, B. S..... | Carthage |
| Ada Hoover, B. S., M. S., Teacher and Matron, Southland Seminary..... | Gainesville, Fla. |
| Carrie Lipe, B. S., teacher in high school..... | Butler, Ind. |
| Cora Lipe, B. S., teacher in high school..... | Nokomis |
| Pearl Martin Aikens, B. S..... | Pontoosuc |
| Hazel McCreary, A. B., teacher in high school..... | Mendon |
| George Nethery, B. S., banker..... | Quincy |
| James Nethery, B. S., banker..... | Quincy |
| Lucile Rand, A. B., teacher Kentucky Female Seminary..... | |
| ..... | Midway, Ky. |
| Minnie Rosenstengel, B. S..... | Carthage |
| Orlo Slater, B. S., McCormick Theological Seminary, Chicago | |
| Luther Walter, B. S., bookkeeper..... | |
| ..... | 1302 Yester Way, Seattle, Wash. |
| William Hill, grad. in music, Graduate Student, University of Illinois | Urbana |

1912.

| | |
|--|----------------|
| James Turner Foley, B. S., Century Lyceum Bureau Chicago, Ill. | |
| William Griffith Hill, B. S., grad. student University of Illinois | Urbana |
| Gladys June O'Hara, B. S..... | Carthage |
| Earl Wilber Poland, A. B..... | Hamilton |
| Stephen T. Taylor, B. S., farmer..... | Ekalaka, Mont. |
| Nellie Deane Greer, grad. in music, instructor C. C. School of Music..... | Carthage |

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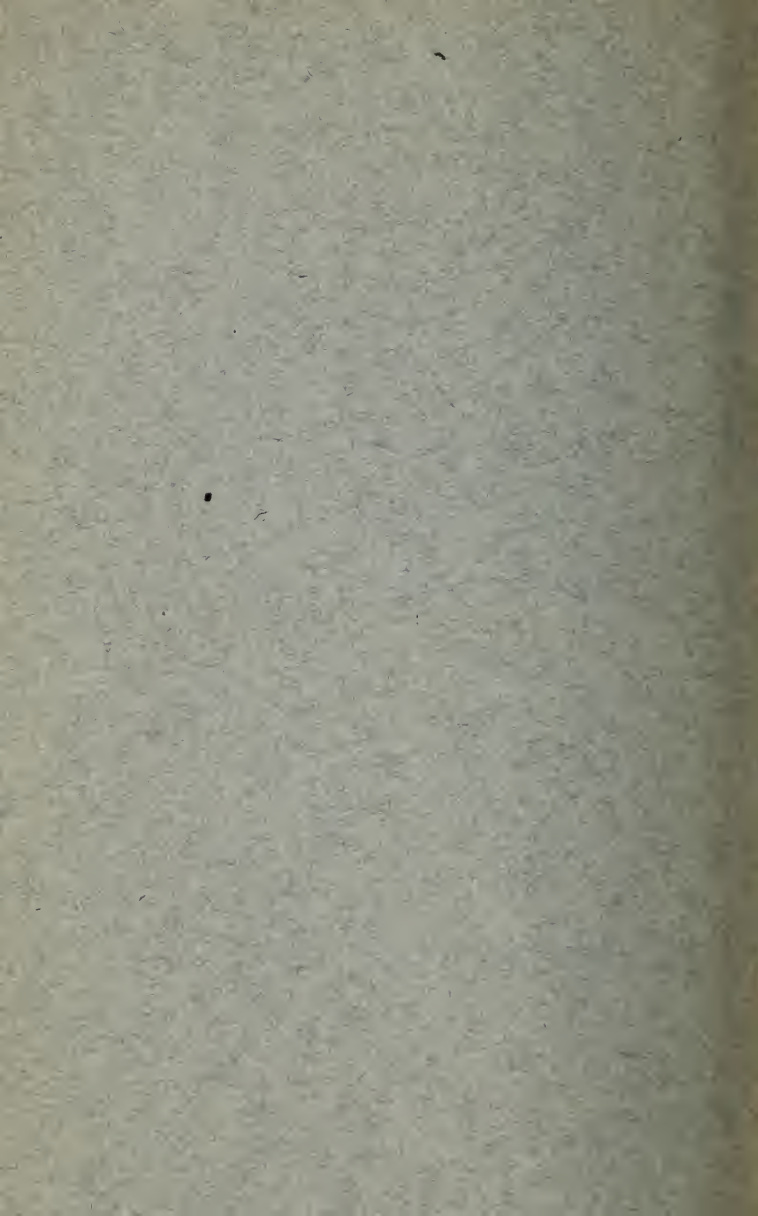
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| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 26 | 27 | 28 | 29 | 30 | 31 | .. |
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1915

| JANUARY | | | | | | | JULY | | | | | | |
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| MAY | | | | | | | NOVEMBER | | | | | | |
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| JUNE | | | | | | | DECEMBER | | | | | | |
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| 27 | 28 | 29 | 30 | .. | .. | .. | 26 | 27 | 28 | 29 | 30 | 31 | .. |

COLLEGE CALENDAR

1914

COMMENCEMENT WEEK

- May 24, Sunday, 11 a. m.Annual Commencement
 Sermon by Mrs. Caroline Bartlett Crane.
- May 24, Sunday, 8 p. m.....Baccalaureate Sermon
 by the President
- May 25, 26, 27, 8 to 12 a. m.....Final Examinations
- May 25, Monday, 8 p. m...Academy Commencement Address
 by Miss Caroline Grote
- May 26, Tuesday, 10 a. m...Annual Meeting Board Trustees
- May 26, Tuesday, 3 p. m.....Recital, Department of Music
- May 26, Tuesday, 8 p. m.....Freshmen Oratorical Contest
- May 27, WednesdayAlumni Meeting
- May 28, Thursday, 10 a. m.....Commencement, Oration
 Professor Luther A Weigle
- May 28, Thursday 2 p. m.....Athletic Field Day

SUMMER VACATION

1914

- August 25,TuesdayApplication Blanks due
- August 31, and September 1, 1-4 p. m.....
Examinations for credit or advanced standing
- September 1, TuesdayRegistration of new students
- September 2, WednesdayRegistration of old students
- September 3, Thursday, 8 a. m.....First Semester Begins
- November 26-28Thanksgiving Recess
- December 18, Friday, 4:30 p. m.....Holiday Recess Begins

1915

- January 5, Tuesday, 8 a. m.....Holiday Recess Ends
- January 21, Thursday.....First Semester Ends
- January 22, Friday.....Second Semester, Registration
- January 25, Monday, 8 a. m.....
Regular Class-room Work Resumed
- April 2, Good FridayHoly Day Recess
- May 15Senior Theses due
- May 27Forty-first Annual Commencement

BOARD OF TRUSTEES

| | |
|--|--------------------|
| REV. H. M. BANNEN, D. D., n..... | Rockford |
| REV. WILLIAM H. BLANCHE, D. D., i..... | Davenport, Iowa |
| MR. HENRY DENHART, n..... | Washington |
| MR. PHILIP FAGER, s..... | Murphysboro |
| DR. C. L. FERRIS, '76, a..... | Carthage |
| REV. BRUNO GARTEN, w..... | Arenzville |
| MR. ANDREW HANS, i..... | Nevada, Iowa |
| REV. PAUL B. HOLTGREVE, D. D., n..... | Washington |
| REV. EZRA KELLER, D. D., c..... | Hillsboro |
| JUDGE D. E. MACK, h..... | Carthage |
| REV. CHARLES W. MAGGART, D. D., i.... | Cedar Rapids, Iowa |
| REV. H. L. MCGILL, s..... | Anna |
| HON. AMOS MILLER, c..... | Hillsboro |
| HON. APOLLOS W. O'HARRA, h..... | Carthage |
| DR. EDWARD M. ROBBINS, h..... | Carthage |
| REV. WILLIAM ROSENSTENGEL, D. D., w..... | Carthage |
| MR. A. THUMMEL, n..... | Sterling |

The Board was elected for two years at the annual meeting of the stockholders May 28, 1912. Those marked n, c, s, i, w, represent the Northern, Central, Southern Illinois, the Iowa, and Wartburg synods. Those marked h, are trustees for Hancock County; a, marks the trustee for the Alumni association.

OFFICERS AND COMMITTEES OF THE BOARD

OFFICERS.

| | |
|--------------------------------------|----------------|
| REV. EZRA KELLER, D. D..... | President |
| REV. H. M. BANNEN, D. D..... | Vice President |
| REV. WILLIAM ROSENSTENGEL, D. D..... | Secretary |
| MR. S. H. FERRIS..... | Treasurer |
| HON. APOLLOS W. O'HARA..... | Attorney |

EXECUTIVE COMMITTEE

REVS. EZRA KELLER AND WILLIAM ROSENSTENGEL,
AND MESSRS. A. W. O'HARA, E. M. ROBBINS, D. E. MACK,
C. L. FERRIS AND HENRY DENHART

COMMITTEE ON BUILDINGS AND GROUNDS.

| | |
|-------------------|----------------------------|
| MR. EDWARD CLARK, | DR. E. M. ROBBINS, |
| MR. W. B. MARVEL, | REV. WILLIAM ROSENSTENGEL. |

FINANCE COMMITTEE.

| | |
|---------------------|--------------------|
| DR. E. M. ROBBINS, | MR. HENRY DENHART, |
| JUDGE D. E. MACK, | DEAN W. K. HILL, |
| PRES. H. D. HOOVER. | |

AUDITING COMMITTEE

| | |
|-------------------|---------------------|
| MR. O. B. TURNER, | MR. REASON W. SAER, |
| MR. J. S. PALMER | |

FACULTY AND INSTRUCTORS

HARVEY DANIEL HOOVER, A. M., (Susquehanna)
PH. D., (Illinois Wesleyan)

PRESIDENT

*David Loy Tressler Professor of Philosophy, and John C.
Martin Professor of Biblical Literature.*

(A. B., 1899, Susquehanna University; D. B., 1902, A. M., 1902, *ibid.*, Ph. D., 1907, Illinois Wesleyan University; Graduate Scofield Bible School, 1911; Professor of Sociology and Theology in Susquehanna University, 1907-09; President of Carthage College, and professor of Philosophy and Biblical Literature, 1909—.)

WILLIAM KUHNS HILL, A. M., Sc. D.
(Pennsylvania College)

DEAN OF THE FACULTY

Professor of Biology and Chemistry

(A. B., Pennsylvania College, 1879; Instructor in Mathematics, Dayton (Penna.) Academy, 1880; Principal Blairsville Academy, 1881-1882; A. M., Pennsylvania College, 1882; Graduated from Gettysburg Seminary, 1884; Professor Natural and Physical Science, Carthage College, 1884-92; Superintendent City Schools, Carthage, Illinois, 1893-1901; Professor Chemistry and Biology, Carthage College since 1901; Dean of the Faculty since 1905; Sc. D., Pennsylvania College, 1910.)

JUSTIN LOOMIS VAN GUNDY, A. M., (Bucknell)
PH. D. (Jena)

Professor of Greek and Latin Languages

(A. B., Bucknell College, 1887; A. M., *ibid.*, 1890; Professor of Classical Languages, Bordentown (N. J.) Military Academy, 1887-91; Professor of Classical Languages, Kee Mar College, 1891-92; Student of Classic Philology, Johns Hopkins University, 1892-93; Head of Department of An-

cient and Modern Languages and Vice Principal, Norristown (Pa.) High School, 1893-1902; Student of Philosophy, University of Berlin, 1902-03; Ph. D., University of Jena, 1905; Professor of Greek and Latin Languages, Carthage College, 1906—.)

CHARLES ANTHONY BARNHART, A. M.

(University of Illinois)

Professor of Mathematics

(A. B., University of Illinois, 1905; A. M., *ibid.*, 1911; Principal of High School, Anna, Ill., 1905-08; Principal of High School, Normal, Ill., 1908-09; Assistant in Mathematics and Graduate Student in Mathematics, University of Illinois, 1909-12; Instructor in Mathematics, University of Illinois, Summer Session, 1912; Acting Instructor in Mathematics, Illinois State Normal University, Second Summer Term, 1913; Professor of Mathematics, Carthage College, 1912—.)

THOMAS BARCLAY UBER, A. M., B. D. (Susquehanna)

Professor of English and Public Speaking

(A. B., Susquehanna University, 1906; A. M., *ibid.*, 1909; Student of King's School of Oratory, 1905; Instructor in the Academy at Susquehanna, 1908-1909; Pastor at Jersey Shore, Pa., 1909-1911; Pastor at Etna, Pittsburgh, Pa., 1911-1913; Professor of English and Public Speaking, Carthage College, 1913—.)

CHARLES EDWARD DERR, A. M., PH. D. (Wittenberg)

Professor of History and the Social Sciences

(A. B., Wittenberg College, 1894; A. M., *ibid.*, 1902; Ph. D., *ibid.*, 1903; Student Hamma Divinity School, 1894-96; Pastor at Princeton, Ill., 1896-98; Springfield, Ohio, 1898-1903; Indianapolis, Ind., 1903-08; Lena, Ill., 1908-13; Professor of History and the Social Sciences, Carthage College, 1913—.)

GEORGE CARL ANDREAS HANTELMANN, A. B.
(Wittenberg)

Acting Professor of German and French Languages

(Student in Petri Gymnasium, Leipzig, Germany, 1902-07; Wittenberg College, 1908-12; Teacher of German in Wittenberg Saturday School for Teachers, Springfield, Ohio, 1911-12; Instructor in Modern Languages, Carthage College, 1912-13; Acting Professor of German and French, Carthage College, 1913—.)

EMMA J. BELL, B. S. (Carthage)

Instructor in English and Education

(B. S., Carthage College, 1907; Graduate Student in English, Chicago University, 1907-08; Principal High School, Glencoe, Minn.; Principal High School, Carthage, Ill., 1896-1900; Instructor in English in Carthage College Academy since 1901; leave of absence, 1907-08.)

EMILY C. PENNOCK, A. M. (Carthage)

Instructor in Latin

(B. S., Carthage College, 1900; A. M., Carthage College, 1913; Graduate student in Latin and Ancient History, University of Chicago, summer 1903; Graduate student in Latin, University of Illinois, summer 1906; Teacher of Latin, Carthage High School, 1902-11; Principal, 1902-07, *ibid.*; Instructor in Latin, Carthage College Academy, 1911.—)

*MABEL MARTINIS LITTLE, B. S. (Carthage)

*Dean of Women and Instructor in Science
Athletics for Women*

(B. S., Carthage College, 1898. Dean of Women and Instructor in Carthage College Academy, 1911-13.)

*Resigned November 30, 1913.

†LETTA SIMMONS, B. S. (Carthage)

Dean of Women

(B. S., Carthage College, 1900; Graduate student in History and English, University of Chicago, 1903-04; Teacher of Latin and History, 1901-03; Nevada High School, Nevada, Iowa; Teacher of History, West High School, Des Moines, Iowa, 1905-06; Principal of High School, Nevada, Iowa, 1908-13; Dean of Women in Carthage College, 1913.—)

ESTHER ALFREDA CARLSON, A. B. (Carthage)

Instructor in History

(A. B., Carthage College, 1913; Instructor in History, Carthage College Academy, 1913.—)

SUSAN M. DAVIDSON

Instructor in Voice

(Studied Voice with Mr. Bicknell Young, Madam Mazucato Young, Mr. Francis Fisher Powers, G. Edward Stubbs, Mus. Doc., Mr. Dudley Buck, Jr.; has taught in Maguire Seminary, Booneville, Mo.; College of Sisters of Bethany, Topeka, Kansas; Brownell Hall, Omaha Neb.)

MARGHERITA KOCH, A. B. (Iowa)

Instructor in Piano

(A. B., University of Iowa, 1909; Student in Music School of University of Iowa under Mary Wood Chase, Ida Felkner Coffeen, and Ralph Lawton, 1906-09; Teacher of Piano, Pipe Organ, Harmony, and History of Music, Carthage College since 1909.)

JAMES ARTHUR BAIRD, A. B. (Carthage)

Instructor in Physical Culture for Men

(A. B., Carthage College, 1900; Student Northwestern University Law School, 1900-03; Admitted to Bar in State of

†Elected December 1, 1913.

Illinois, 1904; Right Guard, All-Western Football Team, 1903; Football Coach, Carlton College, Northfield, Minn., 1903-06; Football Coach, Whitman College, Walla Walla, Wash., 1907; Athletic Director, Carthage College since 1908; Elected County Judge of Hancock County, 1910.)

DEENA THOMPSON, B. S. (Carthage)

Instructor in Mathematics and Physics

(B. S., Carthage College, 1907; Graduate student in Mathematics, Chicago University, two quarters, 1908; Principal High School, Bowen, Ill., 1909-10; Teacher of Mathematics, Butler County High School, Eldorado, Kan., 1910-11; Instructor of Mathematics in Carthage College Academy, 1912.____)

NELLIE DEANE GREER

Assistant Instructor in Piano

(Graduate in Music, Carthage College, 1912.)

ENID SIMPSON

Assistant Instructor in Voice

(Graduate in Music, Carthage College, 1913.)

RALPH MARCHAND HILL

Laboratory Assistant in Biology

ROBERT McLAUGHRY HILL

Laboratory Assistant in Chemistry

JOHN JACOB GENT

Assistant in Bible

COMMITTEES OF THE FACULTY

FOR THE YEAR 1913-14

(The first named is chairman of the committee)

ADMISSION—Professor Barnhart, Doctor Hill, Miss Pennock.

ATHLETICS—Mr. Baird, Mr. Hantelmann, Miss Martinis.

STUDENT'S ADVISORY—Doctor Hill, Doctor Van Gundy, Doctor Derr, Miss Bell.

LIBRARY—Doctor Van Gundy, Professor Hantelmann, Professor Uber.

SCHEDULE—Professor Barnhart, Doctor Derr, Miss Thompson.

SOCIAL EVENTS—Professor Derr, Professor Uber, Miss Carlson.

OTHER OFFICERS AND ASSISTANTS IN
ADMINISTRATION

Professor T. B. Uber—Secretary of the Faculty.

Professor C. A. Barnhart—Registrar.

Doctor Justin L. Van Gundy—Librarian.

Doctor William Rosenstengel—Treasurer of the Contingent Fund.

Miss Letta Simmons—Dean of Women.

Mrs. Buelah Smith—Matron of Denhart Hall.

Mr. James Arthur Baird—Director of the Gymnasium.

Mr. Daniel Vollmer—Superintendent of Buildings and Grounds.

Miss Esther Carlson—Office Secretary.

Miss Nelle Clark—Assistant Librarian.

CARTHAGE COLLEGE

"A College with an Ideal," which aims to educate young men and young women to be the best possible citizens of the age. The aim of the instruction is less to train specialists than to give such knowledge as belongs to a well-rounded education. Carthage College provides the liberal training and culture which are the prerequisites of a successful university course.

We tolerate only the best of ideals, personal influence, teaching methods, and standards of character. The College spirit is inspirational and elevating. A progressive, youthful and persistent spirit pervades all college activities. The highest and best of life's goals are placed before each student; then conscientious and faithful efforts are put forth to enable each one to attain and achieve.

The College ideal is not a large student body. Carthage aims to produce truly cultured and refined, liberally educated, diligent, spirited and dauntless men and women of pure and strong character. The College is not operated for gain or selfish ends, but for the welfare of honest, hopeful and worthy young people who wish the priceless gifts of correct education.

REQUIREMENTS FOR ADMISSION

Candidates for admission must present satisfactory testimonials of good moral character; certificates of honorable dismissal are required of those who come from other colleges. The scholarship requirements for admission to the Freshman class are based upon four years of secondary school work, with four daily recitations. *A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.* Four years of secondary school work, therefore, will constitute sixteen units, and fifteen units are required for admission to the Freshman class. These units are to be offered in harmony with the outline of subjects given below, with the understanding that the time assigned in every case is simply a convenient average and that the work outlined must have been completed.

Students coming from high schools and academies of recognized standing are admitted on certificate of scholarship and character without examination, as far as they have pursued the required preparatory studies. Standing secured by certificate is only for the first semester, that semester being regarded as probationary. The student's subsequent rank depends upon the results of his work. Candidates for admission to the Freshman class, who are unable to offer a sufficient number of satisfactory units, will have an opportunity to secure such standing by means of written examinations held on Monday and Tuesday afternoons of Registration week.

Blank forms of application for admission may be secured from the President or Registrar. These should be filled out and returned by August 25. *No student will be registered until his application form has been approved by the Admission Committee.* Registering after the Registration Day will cost

the student a dollar (\$1.00) extra. School opens on the first Thursday in September. New students are registered on Tuesday, old students on Wednesday preceding.

ENTRANCE REQUIREMENTS

All candidates for admission must offer the following subjects:

| | | |
|--------------------------|----|-------|
| English | 3 | units |
| History | 1 | unit |
| Mathematics | 2½ | units |
| Foreign Language | 4 | units |
| Laboratory Science | 1 | unit |

and three and one-half units additional, chosen in harmony with the college course to be pursued. The following list indicates the subjects that may be offered, together with the amount of credit allowed in each:

| | | | |
|-------------------------|-----|-------------------------|-----|
| Botany | ½-1 | Algebra | 1½ |
| Chemistry | 1 | Plane Geometry | 1 |
| English | 3-4 | Solid Geometry | ½ |
| French | 1-2 | Physics | 1 |
| German | 1-3 | Physical Geography..... | ½-1 |
| Greek | 1-3 | Physiology | ½ |
| Latin | 2-4 | Zoology | ½-1 |
| History and Civics..... | 1-4 | | |

In addition one unit may be offered in the mechanic arts, the household arts and sciences or freehand drawing and applied arts, or commercial subjects.

One unit in Manual training will not be given for work totaling less than 240 hours of sixty minutes each.

All other entrance units recognized by the North Central Association of Colleges and Secondary Schools will be accepted with above limitations.

I. ENGLISH:

(1) Not less than a three years' course in composition and rhetoric, including the study of standard texts and suffi-

cient practice in composition to insure a fair degree of proficiency in writing in English. The student is expected to be able to give unity and coherence to his ideas, and to construct correctly the three units of discourse—the sentence, the paragraph, and the essay. This presupposes correctness of orthography and grammar and knowledge of the simpler principles of punctuation.

2. The reading and study of classics recommended for uniform college requirements by the Committee of College Entrance Requirements in English. This includes:

a. The four classics for study and practice selected by the Committee.

b. Ten classics for reading, to be chosen from the six groups recommended by the Committee.

Every student should give a complete list of his readings in the entrance application form.

II. FOREIGN LANGUAGE:

Four units of foreign language are required. This must include at least two units of Latin. Those who expect to take Latin in the College must present two additional units, making in all four units of Latin.

LATIN:

1. Collar & Daniell's *First Latin Book*. Latin Grammar: Allen & Greenough, Harkness or Bennett.
2. *Via Latina*, Cæsar, four books of the Gallic War.
3. Cicero; four orations against Cataline, for Archias.
4. Vergil; Aeneid, Books i-vi, with prosody.
5. Prose Composition, thirty lessons of Bennett's *Latin Prose Composition*.

GREEK:

1. White's *Beginner's Greek Book*. Goodwin's *Greek Grammar*.

2. Xenophon, *Anabasis*, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' *Greek Prose Composition*.

III. MATHEMATICS:

1. Algebra, through Quadratics. Well's *Algebra for Secondary Schools*, or equivalent.
3. Geometry, Plane; Wentworth and Smith, or equivalent.
4. Geometry, Solid; Wentworth and Smith, or equivalent.

IV. HISTORY:

1. United States. Channing's *Students' History of the United States*, or equivalent. The United States History studied in the Public Schools below the ninth grade will not be accepted as meeting entrance requirements.
2. Ancient History. Botsford's *Ancient History*, or its equivalent.
3. Mediæval History. Munro's *Mediaeval History*, or its equivalent.
4. English History. Cheyney's *Short History of England*, or its equivalent.

V. GERMAN:

As a test of the student's elementary preparation, he should be able to read at sight, and to translate, if called upon, a passage of easy dialogue or narrative prose, help being given upon unusual words or constructions, to put into German short English sentences taken from the language of every day life, or based on the text translated, and to answer questions on the rudiments of grammar, as defined below.

1. Pronunciation, the memorizing and use of easy colloquial sentences; the rudiments of grammar, inflection of the articles, ordinary nouns, adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions; the simpler uses of modal auxiliaries and the elementary rules of syntax and word order; abundant exercises; the reading of from seventy-five to one hundred pages of graduated texts.

2. The reading of from one hundred and fifty to two hundred pages of literature in the form of easy plays and stories; translation into German of matter based upon works read; continued drill upon rudiments of grammar. See German B and A under Academy courses.

VI. SCIENCE:

The preparation must include both text book and laboratory work; and the candidate should submit his note-book. It is recommended that an entire year be devoted to one Science, except Physiology and Physiography, and credit will not be granted for less than one unit of Chemistry or Physics.

1. **ELEMENTARY BIOLOGY** (one unit). The requirement in Biology may be met by one-half unit in Botany and one-half unit in Zoology. It is recommended, however, that the entire unit be offered in one of these sciences. In any case, laboratory work must constitute an important part of the course.

2. **ELEMENTARY CHEMISTRY** (one unit). The work offered in Chemistry must include recitations and laboratory work for one year. The ground covered should be essentially that of the best elementary text books on general Chemistry.

3. **PHYSIOGRAPHY** (one-half unit). The course should include supplemental work as well as the study of some good modern text book.

4. **PHYSIOLOGY** (one-half unit). A study of some standard elementary text book, supplemented by laboratory work.

The Physiology studied in the Public School below the ninth grade will not be accepted as meeting entrance requirements.

5. PHYSICS (one unit). The requirement in Physics is sufficiently outlined in any one of several good modern text books of Elementary Physics. Of these Milliken & Gale's *A First Course in Physics*, is preferred.

ADVANCED STANDING

Students who present letters of honorable dismissal and statement of credit from other colleges of recognized rank may be admitted to advanced standing subject to adjustment. Credit toward a college degree will be allowed for work done in college preparatory schools and high schools only when these schools maintain regular accredited courses of five years or more, provided such work has not been counted for entrance units. In no case will the baccalaureate degree be granted for less than one year of resident work in Carthage College.

COURSES OF INSTRUCTION

The College Department embraces the usual four years of study in the regular classes.

In arranging the courses of study the faculty has endeavored to provide for the proper correlation of subjects, as well as for an adequate adaptation to individual needs. It believes that close specialization in the early years of a college course defeats the true end of college training, namely, the attainment of broad and liberal culture. Thus it requires the student in his Freshman and Sophomore years to elect one of five groups of studies. The group system, which is used in the majority of colleges, aims to combine the advantages of the rigid course system with those of the free elective systems, and to maintain a proper balance between arbitrary dictation on the one hand and unadvised choice on the other. Carthage College offers five groups, each laying the foundations of a well-rounded, liberal education. (For groups of studies required see page 20.)

REQUIREMENTS FOR GRADUATION

In all courses the requirement for graduation is 130 college credits. A college credit represents one semester hour of work—that is, one recitation per week for one semester; two hours of laboratory or seminar work counting as one hour of recitation. In adjusting the work of students who are making up prerequisites, a four or five-hour academy course is counted as a three-hour course in college.

CLASSIFICATION

The class to which a student is assigned depends on the number of credits on record in the books of the Registrar at the opening of the year. In counting credits the number of conditions outstanding against any name will be subtracted from the full number of credits.

Student requirements for advanced standing are as follows: Sophomore, a minimum of 28 college credits; full standing, 33 credits; Junior, a minimum of 60; full standing, 68 credits; Senior, a minimum of 94, full standing, 100; graduation, a minimum of 130 credits.

CHOICE OF COURSES

All students entering the College shall choose, in consultation with the Student's Advisory Committee, their group of subjects. A group once fully entered upon must be pursued to the end of the Freshman year, unless a change be granted by special action of the Faculty. If at the end of the first year a new selection is desired, this will be permitted so far as the prerequisite requirements in other groups have been met.

No student will be permitted to register for college work totaling more than eighteen college credit hours per semester except by special action of the Faculty, and no application from a Freshman for more than eighteen hours will be considered. In no case shall a course be dropped from or added to a student's schedule as arranged on registration day (even

if credit is not desired) without special permission of the Faculty. The maximum number of credits that by Faculty action may be granted to any student per semester in any year is as follows:

Freshmen 18, Sophomore 19, Juniors 20, Seniors 20.

SPECIAL STUDENTS

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all rules and regulations of the College, and are expected to take sufficient work to occupy their time.

GROUPS OF STUDIES

The following representative groups are offered. Other combinations will be made to accommodate students who are preparing for subsequent work in medicine or engineering. The degree of Bachelor of Arts is conferred on students who have completed the requirements in Group I and Group II; the degree of Bachelor of Science on those who have completed Group III or Group IV. The degree of Bachelor of Letters is conferred on students that have completed the requirements in Group V.

GROUPS OF STUDIES FOR FRESHMEN

| GROUP I. | | GROUP II. | |
|-----------------------|---|-----------------------|---|
| <i>A. B.</i> | | <i>A. B.</i> | |
| Greek | 8 | German | 8 |
| Latin* | 8 | Latin | 8 |
| English | 6 | English | 6 |
| Semitic History | 4 | Semitic History | 4 |
| Mathematics | 7 | Mathematics | 7 |

*Prerequisite 4 years of Latin.

GROUP III.

B. S.

| | |
|-----------------------|---|
| Biology | 8 |
| Latin | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP IV.

B. S.

| | |
|-----------------------|---|
| Biology | 8 |
| German | 8 |
| English | 6 |
| Semitic History | 4 |
| Mathematics | 7 |

GROUP V.

B. L.

| | | | |
|-------------------|---|-----------------------|---|
| English | 6 | French or Latin..... | 8 |
| German* | 6 | Semitic History | 4 |
| Mathematics | 7 | Public Speaking | 2 |

*Prerequisite 2 years of German.

GROUPS OF STUDIES FOR SOPHOMORES

GROUP I.

A. B.

| | |
|---------------------------|---|
| Greek | 6 |
| Latin | 8 |
| English | 6 |
| Biblical Literature | 2 |
| History | 6 |
| Biology I or Chemistry I. | 8 |

GROUP II.

A. B.

| | |
|---------------------------|---|
| German | 6 |
| Latin | 8 |
| English | 6 |
| Biblical Literature | 2 |
| History | 6 |
| Biology I or Chemistry I. | 8 |

GROUP III.

B. S.

| | |
|---------------------------|----|
| Chemistry | 8 |
| Latin | 6 |
| English | 6 |
| Biblical Literature | 2 |
| Mathematics | 10 |
| History | 6 |

GROUP IV.

B. S.

| | |
|---------------------------|---------|
| Chemistry* | 8 or 12 |
| German | 6 |
| English | 6 |
| Biblical Literature | 2 |
| Mathematics | 10 |
| History | 6 |

*See Chemistry p. 34.

GROUP V.

B. L.

| | | | |
|---------------|---|---------------------------|---|
| English | 6 | French or Latin | 6 |
| History | 6 | Chemistry or Biology | 8 |
| German | 6 | Biblical Literature | 2 |

STUDIES FOR THE JUNIORS AND SENIORS

| | |
|------------------------|-------------------------|
| Archæology | History (4 courses) |
| Biblical Philosophy | Latin (5 courses) |
| Biblical Sociology | Logic |
| Biology | Mathematics (4 courses) |
| Chemistry (3 courses) | Mineralogy |
| Economics | Philology |
| Education -(2 courses) | Philosophy (5 courses) |
| English (8 courses) | Physics |
| Ethics (2 courses) | Politics |
| French | Psychology |
| Geology | Public Speaking |
| German | Sociology |
| Greek (4 courses) | |

In groups II and III Greek may be substituted for Latin.

Junior and Senior years are elective with the following limitations: Required—1. 6 hours of History and Social Sciences; 2. 6 hours of Psychology and Ethics; 3. Bible in both years; 4. 6 hours of Foreign language in groups I and II; 5. 16 hours of Science in groups III and IV; 6. 10 hours of English in group V.

DEPARTMENTS OF INSTRUCTION

BIBLE*

PROFESSOR HOOVER

The following courses are announced for 1914-1915.

1, 2. BIBLICAL HISTORY.

One half of the time in this course will be devoted to a study of ancient civilization and the peoples who influenced the Israelites. Particular attention is given to the history of Assyria, Babylonia, Egypt and Palestine. The other half of the time will be given to the study of the origin of Christianity. Freshman year. Required I, II (2).

3, 4. BIBLICAL LITERATURE.

This course offers a study of the literature and history of the English Bible. Sophomore year. Required I, II (1).

5, 6. BIBLICAL ARCHAEOLOGY.

A study of the history, field, methods and results of Excavations of Bible lands; also an application of the testimony of monuments to Biblical criticism. Elective I, II (1).

7, 8. APPLIED CHRISTIANITY.

A study in the application of the gospel of the Kingdom to social problems and reform: Applied Ethics. One half of the time of this course will be devoted to a study of characters influenced or made by the principles of Christianity. Junior year. Required I, II (2).

9, 10. BIBLICAL PEDAGOGY.

A course in philosophy of Bible teaching, theism, and religious education. Senior year. Required I, II (2).

For special Bible courses see "Bible Training School" page 55.

*Taught by Professor Uber 1913-14.

BIOLOGY

PROFESSOR HILL

1, 2. **GENERAL BIOLOGY.** A general introduction to the subject through a broad, comprehensive study of living things. Emphasis is laid on the general facts of morphology and physiology as illustrated by the thorough study of a few types, rather than upon the minutiae of classification. As far as possible in an elementary course, the problems of theoretical biology are stated and discussed. Lectures and recitations, two hours, laboratory, four hours. I, II, (4). Required in Freshman year of groups III and IV.

3, 4. **Advanced Physiology and Vertebrate Histology.** Three hours. Prerequisites, Biology I and Chemistry 1.

5, 6. **Practical or Applied Biology.** An advanced course giving special attention to the most destructive fungoid and bacterial enemies of domesticated plants. In the second semester micro-organisms will be studied; their morphology and life histories, and their relations, benignant and malignant, to human life. Lectures, recitations, reading, and laboratory work. Eight semester credits. Prerequisite Biology I.

CHEMISTRY

PROFESSOR HILL

1, 2. **GENERAL INORGANIC CHEMISTRY.** Experimental lectures, recitations and laboratory work. Two lectures and four hours of laboratory work per week. The course is based on Dr. Alexander Smith's General Chemistry for Colleges, and Smith and Hale's A Laboratory Outline of General Chemistry.

No previous knowledge of chemistry is essential. Students offering chemistry for admission may, upon presentation of their note-books, have their laboratory work arranged so as to avoid repetition of the more simple experiments already satisfactorily performed in their preparatory courses.

3, 4. **QUALITATIVE ANALYSIS.** This course includes lectures, recitations and laboratory practice in the general me-

thods and processes of qualitative analytical chemistry. Six hours. Open to students who have completed course 1. I, II. (4).

3a, 4a. Supplementary course for students taking course 3, 4. six hours of laboratory, three of recitation. It is intended for students in group IV who are preparing for graduate work in chemistry or physics, for medicine or engineering. They may postpone some other required Sophomore study till the next year.

5, 6. QUANTITATIVE ANALYSIS. A study of the standard gravimetric and volumetric methods of analytical chemistry. Lectures, recitations and laboratory work. Six hours. Prerequisites, courses 1, 2, 3, 4. I, II (4).

7, 8. ORGANIC CHEMISTRY. A study of the characteristics of typical and simple organic compounds, followed by a consideration of the classification and the most important classes of the derivatives of carbon. Lectures and recitations; laboratory practice in organic synthesis and analysis. Prerequisite, course 1, 2. I, II. (4)

EDUCATION

MISS BELL

1. HISTORY OF EDUCATION. Text: Monroe. Emphasis is placed upon the chief factors and methods and ideals in the various periods of educational development and history. I (3)

2. SCHOOL AND CLASSROOM MANAGEMENT. This course offers opportunity for practice teaching and observation of actual work in the grades and High School teaching. II.

NOTE:—Special instruction will be given students who purpose teaching English, history, science or foreign languages by the respective teachers of these subjects.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR UBER

1, 2. COMPOSITION AND RHETORIC. Two hours. Rapid review of English Grammar, punctuation, spelling, followed by

study of principles of composition and writing of a theme per week. Texts: Canby: *English Composition*, Wooley: *Handbook of English Composition*. One hour, lectures on the history of the English language and the study of two Older English classics. Every student is expected to meet the instructor for an individual conference once a month.

3, 4. GENERAL SURVEY OF ENGLISH LITERATURE. An outline of the history of British literature and of American literature. Weekly tests and written reports on assigned readings. The aim of the course is to let the pupil gain first-hand knowledge of a fairly large and representative portion of English literature. Required of all Sophomores, I, II. (3).

5, 6. OLD AND MIDDLE ENGLISH. An outline of Old English grammar followed by the reading of Bright's reader. An outline of the development of Old English through Middle English into Modern, followed by the reading of Piers Plowman, selections from Chaucer, and several Middle English romances. Elective I, II. (3). Not given 1914-15.

7, 8. SHAKESPEARE AND HIS PREDECESSORS. A rapid survey of the origin and development of English drama before Shakespeare; the development of Shakespeare as a dramatist. Elective I, II. (2).

9. SPENSER AND MILTON. Several books of the Faerie Queene, all of Paradise Lost, and Milton's minor poems will be read. Elective I. (2). Not given 1914-15.

10. NINETEENTH CENTURY POETRY. A study of the principal British poets from Wordsworth to Tennyson. The course aims to trace the intellectual movement of the period. Elective II. (2). Not given 1914-15.

11. NINETEENTH CENTURY PROSE. A study of the principal prose writers, Carlyle, Emerson, Coleridge, Ruskin, Newman, Arnold, Spencer. The course aims to trace the intellectual movements of the period. Elective I (2).

12. THE DEVELOPMENT OF THE ENGLISH NOVEL. This course aims to give students a knowledge of English prose fiction in

its chronological order, and of its relations to Continental literature. Elective II (2).

Courses 7, 8, 11, 12 given in 1914-15, not in 1915-16.

Course Latin X is recommended to advanced students of English.

FRENCH

PROFESSOR HANTELMANN

1, 2. FRASER AND SQUAIR'S FRENCH GRAMMAR. The essentials of French accidence including the forty most useful irregular verbs. Thorough drill in pronunciation and practice in French conversation. Reading of easy prose: *Contes et Legendes*; *La Poudre aux yeux*; *La Mare au Diable*; Tales by Daudet. I, II (4).

Open to all students who have not yet studied French.

3, 4. SYSTEMATIC GRAMMATICAL DRILL AND PRACTICE IN FRENCH COMPOSITION. Introduction to French classics: Bruno *Tour de la France*; Halévy, *L'Abbé Constantin*; Labiche, *Le Voyage de M. Perrichon*; continuation of Fraser and Squair's grammar. I, II. (3).

Open to students who have passed courses 1 and 2, or offer the equivalent.

5, 6. MASTERPIECES OF PROSE AND POETRY: Healy, *Le Comédie Classique en France*; Moliere, *L'Avare*; *Bourgeois Gentilhomme*, *Beaumarchais*; *Barbier de Seville*; *François*. Advanced composition; Essays in French and conversation based on texts. I, II. (3).

Open to students who have passed courses 1 to 4 or offer an equivalent.

GEOLOGY.

PROFESSOR HILL

1. STRUCTURAL AND DYNAMIC GEOLOGY. Text book, Chamberlain and Salisbury's *College Geology*. Two hours. First semester.

2. HISTORICAL GEOLOGY AND PALAEOLOGY. A study of the history of the earth with special reference to the development of the North American continent, and the evolution of life as revealed in the order and sequence of fossils. Two hours. Second semester.

3, 4. MINERALOGY. Descriptive and determinative Mineralogy and Petrology. Two laboratory hours throughout the year.

GERMAN

PROFESSOR HANTELMANN

Students that offer less than two years of German as entrance credit may take German in the Academy and receive three-fourths credit for it in the College. See German B and A, p. 52.

1, 2. INTRODUCTION TO THE STUDY OF THE CLASSICS. SCHILLER COURSE. *Maria Stuart; Jungfrau von Orleans; Wallenstein*. Methodical study of standard works with reference to their linguistic and literary import. Essentials of syntax. Conversation. Harris' Prose, Development of the Drama. Composition. Prerequisite courses B and A. I, II. Prescribed for Freshmen electing group II, and offering German for admission. I. II., (4)

3, 4. LESSING COURSE. Study of the works of Lessing, illustrating his influence upon the German drama and literature. *Minna von Barnhelm; Emilia Galotti; Nathan der Weise*. German conversation. Composition. I, II. (3).

Required of Sophomores in group II.

5, 6. FREYTAG COURSE. Study of masterpieces in modern prose, *Soll und Haben; Aus dem Staat Friedrichs des Grossen, Die Journalisten; Rittmeister von Altrosen*. Discussion of contents and textual criticism in German. Composition. Essay, character studies and criticisms in German. I, II. (3) Elective.

7, 8. Course in modern drama: Representative works of

Hauptmann, Sudermann, Hebbel, Hoffman, and Wildenbruch will be studied e. g. *Die Versunkene Glocke*; *Heimat or Die Ehre*; *Heinrich und Heinrich's Geschlecht*; *Frau Sorge*; *Agnes Bernauer*. German essays. Two hours. I, II. (2). Elective.

9, 10. Conversation and advanced composition. Kron's "*German Daily Life*" will be used as a basis for conversation concerning German customs and institutions. Practice in translating an English or American prosaist. I, II. (1) Elective.

11, 12. GOETHE COURSE. *Dichtung und Wahrheit*; *Egmont*; *Iphigenie auf Tauris*; *Torquato Tasso*; *Faust*. I, II, (2). Elective.

GREEK LANGUAGE AND LITERATURE.

PROFESSOR VAN GUNDY

1a. ELEMENTARY COURSE. The purpose of this course is to furnish to mature students, who have never studied Greek, an opportunity to begin this subject in College. This and the following course are recommended to students who are looking forward to the study of theology or language, and also to students of science for the use of Greek in scientific nomenclature. Full credit is given for this course. I (5).

1b. XENOPHON, *Anabasis* with Grammar and exercises II. (5)

1. XENOPHON, *Anabasis or Cyropaedeia*. Required of Classical Freshmen. I. (4)

2. HOMER, *ILIAD*, BOOKS I-III, with selections intended to give a comprehensive view of the entire work. Required of classical Freshmen. II. (4)

3. PLATO. Selected dialogues, including the *Apology* and *Phaedo*. I. (4)

4. The Lyric or the Dramatic Poets. II. (4)

Modern Languages may be substituted for course 3 and 4 by special consent of the Faculty.

5. DEMOSTHENES, *On the Crown*. Study of Attic oratory. Exercises in advanced composition. Elective. I. (3)

6. JUSTIN MARTYR, *Apology Major*. Selections from Church Fathers. Elective. Open to Juniors and Seniors. I. (2)

7. INTRODUCTION TO PHILOLOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. I, II. (1)

8. NEW TESTAMENT. Elective. Open to students of advanced standing.

Every student is expected to meet the instructor in conference once a month. Provision for a conference hour will be made in schedule.

HISTORY AND THE SOCIAL SCIENCES

PROFESSOR DERR

It is the aim of the department to give the student command of the essential facts in the history of Mediæval and Modern Europe and their relation to the social, political and moral problems of the present day. To this end the general features of the great movements and factors out of which our present day institutions grew are emphasized. The student is trained to view and study history comprehensively and genetically; i. e., as far as possible events are studied with respect to their inner relations, and the logical connection in the chain of cause and effect is presented.

The successive attempts to set up a stable form of government upon the ruins of the Old Roman Empire and the problems encountered are clearly set forth in their order and relation. The respective lines of influence of the Holy Roman Empire, The Feudal System, The Crusades, The Renais-

sance, and the Reformation on the course of national life and development are followed.

The course in Modern History affords an opportunity to study closely the full flowering of factors which budded throughout the Middle Ages.

The whole course is crowned by the detailed study of the development of the Constitution of the United States, affording an excellent means of review of events close at home and an occasion for gathering and putting into practical effect the knowledge previously acquired.

The whole course is saved from the "dry dust" process of collecting facts by constant reference to those problems and principles that are widely discussed at the present time.

For detailed account of courses see "Social Sciences" p. 36.

LATIN LANGUAGE AND LITERATURE

PROFESSOR VAN GUNDY

1. CICERO's *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical Freshmen and Scientific Freshmen, Groups, I, II and III. I. (4)

2. LIVY. Books I and XI. Sight reading continued. One hour a week is devoted to the study of Roman Literature II. (4) Required of Classical and Scientific Freshmen of Groups I, II and III. II. (4)

3. HORACE. Odes. Books I and II, with the Epodes and selected Satires and Epistles. Review of Prosody and study of Horatian metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. I (4). Required of Sophomores in Groups I, II, and III.

4. PLINY. Selected Letters; or QUINTILIAN, Institutes, Books X and XI. Preston and Dodge's *Private Life of the*

Romans. II. (4) Required of Sophomores in Groups I, II and III.

5. TACITUS. *Germania* and *Agricola*. Study of the colonial policy of Rome. I. (2) Elective.

6. CICERO. *Tusculan Disputations*. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Courses 5 and 6 may be changed and other texts substituted after conference with students who purpose taking these courses. Along with courses 5 and 6 the class will make a rapid survey of Roman Literature. The library facilities are ample for special studies in classical subjects. II. (2) Elective.

7. SUETONIUS. *Lives of the Cæsars, Julius, Augustus, Tiberius*. I. (2) Elective.

8. TACITUS. *Dialogus de Oratoribus*. II. (2) Elective.

9. LUCRETIUS, *De Natura Rerum*; or some one or more of the philosophical works of Cicero. I. (2) Elective.

Courses 7, 8 and 9 are elective, and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course will be given in the method of presenting preparatory Latin, taught by Miss Pennock and in advanced Latin prose, with systematic study of the grammar.

10. INTRODUCTION TO PHILOLOGICAL STUDY. Open to all students of advanced standing in Greek, Latin, German or French. Elective. One hour a week throughout the year. Every student is expected to meet the instructor in conference once a month. Provision for a conference hour will be made in schedule, e. g. Latin I. conf.

MATHEMATICS

PROFESSOR BARNHART

1. ALGEBRA. This course will include an introductory review, functions and their graphs, the general quadratic,

progressions, variation, inequalities, binomial theorem, partial fractions, complex numbers, surds, logarithms, elements of the theory of equations and infinite series. Required of Freshmen in all courses. I. (4)

2. TRIGONOMETRY. Plane. Required of Freshmen in all courses. II. (3)

3. ANALYTIC GEOMETRY. Plane. Required of Sophomores taking groups III and IV. I. (5)

4. DIFFERENTIAL AND INTEGRAL CALCULUS. An elementary course in differential and integral calculus, including geometrical and physical applications. Required of Sophomores taking groups III and IV. II. (5)

5. DIFFERENTIAL AND INTEGRAL CALCULUS. (Continuation of Mathematics 4.) I. (3)

6. DIFFERENTIAL AND INTEGRAL CALCULUS. (Advanced Course.) The definite (single and multiple) integral with exercises in the formulation of problems arising in applied mathematics; line, surface, and volume integrals; partial differentiation; exact differentials with applications of the conditions for exactness; complex numbers, their trigonometric and exponential functions and logarithms; hyperbolic functions; expansion of functions in infinite series; elements of differential equations; approximate quadrature and integration of differential equations. II. (3)

7. DIFFERENTIAL EQUATIONS. General linear equations with constant coefficients; special forms of differential equations of higher order; integration in series. I. (3)

8. SOLID ANALYTIC GEOMETRY. Equations of the plane and the right line in space; the more general properties of surfaces of the second degree; the classification and special properties of quadrics. II. (3)

9. ADVANCED COURSES. Students desiring advanced courses in mathematics may arrange to take courses in the Theory of Equations, Introduction to Higher Algebra, Method of

Least Squares, Partial Differential Equations, Averages and the Mathematics of Investment, etc., if the prerequisites have been completed satisfactorily.

All students planning to do graduate work in any of the applied sciences or subsequent work in engineering, are advised to complete Mathematics 5. To the student who desires to pursue the study of advanced chemistry, physics, astronomy or a course in electrical engineering, the courses in Mathematics 6 and 7 are recommended. All students planning to specialize in mathematics should arrange to pursue some course in mathematics during each semester of the four years of their undergraduate training.

*PHILOSOPHY

PROFESSOR HOOVER

1. GENERAL PSYCHOLOGY. A course of study dealing with the fundamentals of mental phenomena. I. (3)

2. EDUCATIONAL PSYCHOLOGY. An application of psychological principles to education. II. (3)

3. GENERAL ETHICS. An introduction to and principles of Ethics. I. (3)

4. LOGIC. An introduction to the deductive and inductive methods. II. (3)

5. HISTORY OF ANCIENT PHILOSOPHY. I. (3) Not given 1914-15.

6. HISTORY OF MODERN PHILOSOPHY. II. (3) Not given 1914-15.

7. INTRODUCTION TO THE PROBLEMS OF PHILOSOPHY. I. (3)

8. MODERN THINKERS. A critical study of the system of a modern philosopher. II. (3)

NOTE: The right to withdraw any of these courses is reserved unless chosen by four or more students.

*Taught by Professor Derr, 1913-14.

PHYSICS

MISS THOMPSON

1, 2. GENERAL PHYSICS—Collegiate Course. First semester. Mechanics, Molecular Physics and Heat. Second semester. Electricity, Sound and Light. Lectures and demonstrations with recitations on the text. I, II. (3)

3, 4. GENERAL PHYSICS—LABORATORY COURSE. Designed to accompany Course 1. Use of instruments of precision; quantitative measurements in Mechanics, Heat, Sound, Light and Electricity. The verification of the Laws of Physics. The determination of constants and co-efficients, and the manipulation of apparatus.

A description of each experiment must be recorded and the results shown systematically. One year. Four or six hours. One-half credit.

PUBLIC SPEAKING

PROFESSOR UBER

1, 2. THE FUNDAMENTALS OF PUBLIC SPEAKING. Numerous short selections, drill in proper control of respiratory and vocal organs, for analysis and interpretation of thought. Text-book: Shurter, supplemented with Cumnock. I, II (1)

3, 4. DEBATE AND ORATORY. Texts used are Denney, Duncan and McKinney's *Argumentation*, Philips' *Effective Public Speaking*. Analysis of debates and orations. Practice in preparing briefs, drill in delivery will continue throughout. I, II (2).

III. INTERPRETATIVE study of Literature. Selections from Shakespeare, some verse from best nineteenth century poets, and one modern play are studied. Elective for students that have completed courses I and 2. I, II (2).

THE SOCIAL SCIENCES

PROFESSOR DERR

HISTORY

1. a. HISTORY OF WESTERN EUROPE. Period 476-1453. Text: Robinson. A rapid review of the period. References and Syllabus. Required of Sophomores. I (3).

1. b. PHILOSOPHY OF HISTORY. Period 476-1453. Adams' "Civilization During the Middle Ages" is used as a guide. Required of Sophomores. I, II (3).

2. THE REFORMATION AND RELIGIOUS WARS. Period 1453-1648. Text-book. References and lectures. Required of Sophomores. II (3).

3. MODERN HISTORY. Period 1648-1913. Text: Robinson and Beard, "The Development of Modern Europe." The social, political, industrial and constitutional development of Modern Europe. Elective for Juniors and Seniors. I, II (2).

4. ENGLISH CONSTITUTIONAL HISTORY. Texts: Montague and Maitland. Elective for Juniors and Seniors. II. (2).

6. CONSTITUTIONAL HISTORY OF THE UNITED STATES. Text: Taylor's "Origin and Growth of the American Constitution." Traces the evolution of the American type of Commonwealth and Federalism as a system of Government from earliest times. Lectures and References. Elective for Juniors and Seniors. II (3). Not given in 1915-16.

SOCIOLOGY

1. GENERAL SOCIOLOGY. Lectures and References. The aim is to furnish the student with a simple outline of the origin, development, structure and problems of Society, and a scientific method of approaching the same. Elective for Juniors and Seniors. I (3).

2. THE SOCIUS. Text: Ellwood's "Sociology in Its Psychological Aspects." Elective for Juniors and Seniors. II, (3). Not given in 1914-15.

ECONOMICS

1. FUNDAMENTALS OF ECONOMICS. Text: Ely's "Outlines." Elective for Juniors and Seniors. I. (3)

POLITICS

2. AMERICAN POLITICAL PROBLEMS. Text: Bryce's "American Commonwealth" is used as a guide. Lectures and References. The political parties and problems of our own times and country are discussed in the light of the framework of our government and the political experience and system of this and foreign countries. Elective for Juniors and Seniors. II, (3).

GRADUATE COURSES

The College gives opportunity to its own graduates and those of other institutions to do graduate work. Under the direction of the Faculty, courses will be outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give classroom instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degree upon such as complete creditably the prescribed course and submit an approved thesis.

Full work for the Master's degree comprises the satisfactory completion of three graduate courses, each equivalent to five (5) hours per week throughout the school year. Not more than two of these shall be in any one department. The time for completing course is not limited, but the candidate will be required to make stated reports with progress, and is expected to pursue sustained and systematic study. Under no circumstances will a degree be conferred for less than full two years of non-resident work. Final examinations must in all cases be conducted at the College; others may be arranged for elsewhere at the expense of the candidate.

For further information, address the President.

TUITION AND FEES

| | |
|--|---------|
| College tuition, per semester..... | \$20.00 |
| Academy tuition, per semester..... | 15.00 |
| Incidental fee per semester, required of all students... | 8.00 |
| Special fee, for registering after registration day..... | 1.00 |

LABORATORY FEES, PER SEMESTER

| | |
|---|------|
| College Biology | 4.00 |
| College Physics | 4.00 |
| College Mineralogy | 3.00 |
| College Chemistry | 5.00 |
| Academy Botany, Physics or Zoology..... | 2.00 |
| Academy Chemistry | 2.50 |

| | |
|---|----------------|
| Room rent in Denhart Hall, per week..... | \$.75 to 1.00 |
| Tuition fee, for one four or five-hour course is..... | 10.00 |
| For one three-hour course..... | 7.00 |
| For one two-hour or one-hour course..... | 5.00 |

A student's registration is not complete until the registration card has been presented to the Treasurer and the fees paid.

MUSIC

| | |
|--|---------|
| Piano, (Miss Koch), one lesson a week, per semester.. | \$18.00 |
| Piano, (Miss Koch), two lessons a week, per semester.. | 30.00 |
| Piano, with assistant, one lesson a week, per semester.. | 11.50 |
| Piano, with assistant, two lessons a week, per semester. | 19.00 |
| Piano, two lessons per week, one with Miss Koch, one with the assistant | 25.00 |
| Voice, one lesson a week, per semester..... | 18.00 |
| Voice, two lessons a week, per semester..... | 30.00 |
| Chorus, one lesson a week per year..... | 3.00 |
| Use of Piano, one hour daily, per year..... | 6.50 |
| Use of Piano, two hours daily, per year..... | 11.00 |
| Use of Piano, three hours daily, per year..... | 15.50 |
| Violin, one lesson a week, per semester..... | 18.00 |

| | |
|--|-----------------------|
| Harmony, one lesson a week, per year..... | 18.00 |
| Harmony, two lessons a week, per year..... | 27.00 |
| Harmony (class) one lesson a week, per year..... | 10.50 |
| Musical History (class) one lesson a week, per year... | 4.50 |
| Pipe Organ, per lesson | 1.00 |
| Special Coaching, per lesson 1.50 | Teacher's Course 5.00 |

No reductions for lessons missed except in case of illness, and then only when lessons cannot be made up.

GENERAL INFORMATION

FOUNDATION

Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose by the English Evangelical Lutheran Synods of Illinois and Iowa, under whose direction the first President (D. L. Tressler Ph. D.) was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in 1880, the stock of the institution was transferred to the Synods interested, and the College is now controlled by the Evangelical Lutheran Synods of Northern Illinois, of Central Illinois, of Southern Illinois, of Iowa, and the Wartburg Synod, by whom all the trustees are nominated. On the Board of Trustees, in addition to the representatives from these Synods, there are three from Hancock County, and one from the Alumni Association, all elected by the stockholders appointed by the Synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America and has been assisted financially for the last sixteen years by the Board of Education in the increase of the endowment fund, and by direct contributions toward the current expenses.

LOCATION AND BUILDINGS

Carthage College is located at Carthage, the county seat of Hancock County, Illinois. It is a pleasant inland town of over twenty-five hundred inhabitants. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for more than forty years, and is thus well-adapted to academic and college life. The citizens are cultured and hospitable, and deeply interested in the college and the students, to whom the homes are open constantly. Carthage is situated

twelve miles east of Keokuk, Iowa, and midway between Burlington, Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington and Quincy and the Wabash systems pass through the city and the main line of the Toledo, Peoria and Western railroad passes four miles to the north, connecting at Ferris for Carthage. New students, upon writing to the President, can receive all needed information.

The campus comprises about eighteen acres of improved and timbered grounds, situated in the northeast portion of the city, about eight blocks from the public square, and slightly elevated above the rest of the town.

The main building is a large brick structure of three stories and basement. It is furnished with modern conveniences and is in all respects well adapted to the work of the institution. In addition to the large, well-lighted recitation rooms, it contains the college chapel, the Association chapel, rest room for girls and social meeting room for boys, the library and reading room and the literary society halls.

Denhart Hall for young women is situated on the west side of the campus. It is an attractive looking brick building of two stories and basement, equipped with baths and lavatories and heated with steam. The dining-room is in the basement. On the first floor are a parlor and a music room. The building accommodates thirty students, who are under the supervision and care of the Dean of Women, Miss Simmons and the Matron, Mrs. Smith.

The gymnasium is a handsome building. It was erected in 1905-06 at a cost of twelve thousand dollars. The building is 43x91 feet on the outside, giving available floor space of 40x88 feet. It is equipped with apparatus of the best quality, with running track, and with hot and cold baths.

The new Carnegie Science Hall was completed by the opening of school in September, 1912. This building affords exceptional facilities for successful work in all the laboratory sciences. The Biological Department is accommodated on the

second floor. The Laboratory is equipped with good compound and dissecting microscopes and all accessories necessary for successful work. The first floor of the Science Hall accommodates the Department of Chemistry. The Department of Physics occupies the greater part of the basement floor. All laboratories and lecture rooms are wired for electrical power and experimental purposes.

The Department of Geology and Mineralogy occupies two commodious rooms on the second floor. One of these is the Museum; the other is the laboratory of the Department and is equipped for work in Determinative Mineralogy and Assaying.

LIBRARY

The College Library contains about eight thousand volumes and several thousand pamphlets. The collection is classified according to the Dewey decimal system and is furnished with complete card catalogues of authors and subjects. A large number of books have been added by donations and purchase within the past few years, and the collection now contains the books most essential for undergraduate work in the various departments.

The two literary societies have good collections of books, to which standard works are being added annually. Each society has invested funds, the interest of which is used for library purposes. Cicero Society has recently placed its collection in the College Library, and thrown it open to the use of all students. The Public Library of Carthage containing several thousand volumes, is open to the students, while the private libraries of the members of the faculty are also accessible for studies upon special topics.

The Reading Room is furnished with tables, shelves, magazine case, newspaper rack and the best reference works. It is equipped with the best scientific and literary magazines and many of the best religious and secular papers. It is open daily except Saturday from 8 until 12 a. m., and from

1 until 4:30 p. m.; on Saturday the hours are from 9 until 11 a. m.

STUDENT ORGANIZATIONS

Two literary societies—Galileo, organized in 1870, and Cicero, organized a year later—are sustained in connection with the College. Through the medium of these, students get valuable aid in composition, delivery, debate and parliamentary practice besides opportunities for social culture. All Collegiate and Senior Academic students are required to unite with one or the other of these societies, and to perform a prescribed amount of literary work annually. Each of the societies occupies a large, attractive hall, handsomely furnished for literary and social purposes.

The Young Men's Christian Association, which was organized in 1881, has exerted a marked influence upon the life and character of the students during the years since. A devotional meeting is held on each Tuesday evening. The Young Women's Christian Association holds a service every Monday evening. It receives the cordial support of all the young women of the College. Bible study and mission study classes are being conducted by both associations. Each association sends delegates every summer to the Geneva Conference of College Students. New students are urged to unite with these associations, and will do well to avail themselves of the assistance which is offered them at the opening of each year.

The Athletic Association conducts the business affairs of the athletic teams, elects managers, awards insignia for distinction in athletics. Every student is a member of the Association, who has paid the required fee, and is entitled to a vote in the association.

The Dramatic Club aims to promote interest in dramatic art and literature by studying some modern dramatist and presenting a play at some time during the school year.

The Brain and Brawn is an honorary society composed

of students who have distinguished themselves for scholarship, or have won prizes on the athletic field.

The Euterpean Club is composed of students from the School of Music and town people that are interested in the study of music. It annually brings some artists to Carthage.

The Concordia Verein was organized in September, 1912. Its aim is to cultivate the German language, to study German life, and literature.

The French Club was organized in September, 1913. French daily life, magazines and current events are studied with the view of cultivating the French language.

RELIGIOUS CULTURE

Ever since its organization the college has aimed to exert positive religious influence over its students. The newly organized Department of Biblical Instruction gives training in Christian work to those who desire it, and affords every student an opportunity to gain a thorough and systematic knowledge of Biblical History and Literature. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. There are represented in Carthage organizations of the English and German Lutheran, the Baptist, the Catholic, the Christian, the Episcopal, the Methodist Episcopal, and the Presbyterian denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly indetified with its religious work.

PUBLICATIONS

The literary societies of the College publish a monthly journal—The Collegian—which is edited by a staff of editors chosen from the societies. This paper is helpful in stimulating literary activity among the students. It also affords the Alumni, friends, and patrons of the college the best means of keeping in touch with the life and work of the institution.

The Crimson Rambler is the name of an annual published by the Junior class of the college. It is a reflection of student life at Carthage. This volume is bound in permanent form and contains a complete account of the activities of the various organizations, and classes connected with the institution during the year of its publication.

The College publishes a bi-monthly Bulletin, the purpose of which is to keep friends and patrons informed of the work of the institution, and of improvement and progress in all lines of college activity. There is no charge for subscription, and all persons interested may have their names added to the mailing list by addressing a request to the President.

GOVERNMENT

The government of the institution is vested in the Faculty, which administers discipline and imposes such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students, and the purpose is to retain only such students as may conduct themselves in gentlemanly or ladylike manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow students in all their relations. Should any student be found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and the general welfare of the institution. Students who have failed to conduct themselves properly in other institutions are not wanted in Carthage College.

A proper care for the health and good name of the young women is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order, while only such restrictions will be imposed upon any student as may be required to maintain the

authority of the Faculty or to advance the best interests of the institution.

FACILITIES FOR SELF-HELP

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or to reduce their expenses. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by management of laundry agencies among the students and in the community. The Y. M. C. A has an employment department which assists new students to secure work. For information address the president of this association, Mr. Wm. Krauss.

ROOMS AND BOARDING

All the young women from a distance will be expected to room and board in Denhart Hall, where comfortable and convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedsteads, springs, mattress, bureau, washstand, toilet set, chairs, table and book shelves, and are heated by steam. Connected with each room are two clothes presses. Pillows, mattresses and spreads are supplied; hence each young lady need bring with her only towels, napkins, 2 pillow slips, 2 sheets, 1 comfort and any additional bed clothes desired.

As the cottage is limited to thirty students, all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. Board is furnished at \$3.00 a week; the charge for inside rooms, furnished, is 75 cents a week; for corner rooms, \$1.00 a week. An additional charge of 50 cents a week will be made for students rooming alone, provided it is possible to furnish single rooms.

During the year a number of rooms have been beautified at the expense of friends of the College.

Young men can find comfortable homes near the College and good board at reasonable rates—\$2.75 to \$3.50 per week; or they may secure boarding at the regular rates at the dining-room at Denhart Hall.

SCHOLARSHIPS

Free tuition for one year is annually offered to that member of the Senior class of Carthage High School who shall receive the highest average grade in scholarship during the year. This scholarship was awarded last year to Miss Dorothy Cashen.

A similar scholarship is awarded to that member of the Senior class of the Academy whose average for the year is the highest. This scholarship was awarded last year to Mr. O. Garfield Beckstrand, of Rockford.

The W. C. T. U. of the county annually purchases a scholarship good for one year, which is awarded by a competitive examination in physiology. Awarded to Miss Vera Walker, of Ferris.

A scholarship in the Academy is annually awarded to that student in the schools of Hancock County who receives the highest average grade in the county central examination for the year.

In general, it is the policy of Carthage College to meet all competition, and young people holding scholarships given by other institutions for excellence in scholarship, can usually receive the same privilege here. Correspondence along this line is invited.

PRIZES

Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies

pursued during the year. Last year this was won by Miss Clara Ruth Thielbar of Washington.

Mr. Ed Hoch, of the city of Carthage, offers annually a gold medal to that member of the Greek class who excels in final competitive examination. Last year this was awarded to Mr. Elmer Ellsworth Flack of Mendon.

The Board of Trustees offers a gold medal to that member of the Freshmen class who, under the supervision of the Faculty, shall produce the best original oration at the Freshmen oratorical entertainment, regard being had for both thought and delivery.

The Daughters of the American Revolution of Carthage annually offers a prize consisting of several choice volumes of history or biography, to the student making the highest grade in the study of United States History. Last year this prize was awarded to Mr. O. Garfield Beckstrand of Rockford with honorable mention of Mr. Mark Bollin, of Nauvoo.

The Ed Hoch Junior pennant was awarded last year to Miss Frieda Coreen Berry, of Carthage.

LEGACIES

It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have been prospered in temporal things by remembering the institution with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount, while by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy—to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least \$1,000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of the bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

"I give, devise and bequeath to Carthage College, Carthage Illinois, the sum of \$..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod college in the present Carthage College territory."

THE ACADEMY

FACULTY OF THE ACADEMY

HARVEY DANIEL HOOVER, A. M., PH. D.

President of the College

WILLIAM KUHNHILL, A. M., Sc. D.

Instructor in Chemistry

JUSTIN LOOMIS VAN GUNDY, A. M., PH. D.

Instructor in Greek

GEORGE CARL ANDREAS HANTELMAHN, A. B.

Instructor in German

EMMA J. BELL, B. S.

Instructor in English and History

EMILY C. PENNOCK, B. S.

Instructor in Latin

*MABEL MARTINIS LITTLE, A. B.

Instructor in Science

DEENA THOMPSON, B. S.

Instructor in Mathematics

†LETTA SIMMONS, B. S.

Dean and Instructor in Bible

ESTHER ALFREDA CARLSON, A. B.

Instructor in History

*Resigned, November 30, 1913.

†Elected, December 1, 1913.

WORK OF THE ACADEMY

The Academy is under the immediate direction of the Faculty of the College. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for College, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place the work of the Academy is designed to furnish for young men and women who may be denied the advantage of a college course, as much training and culture as is possible in four years of secondary school work, under the most favorable conditions of atmosphere and environment.

Students that have finished the eighth year work in public schools will be prepared to enter the first year class of the Academy. Students that wish to enter an advanced class must bring a certificate of standings from an Accredited High School or Academy. Students from other schools will not receive full credit until they have proved themselves capable of doing advanced work.

Students that desire to take a general course in the Academy will be permitted to enter any classes for which their previous training fits them, provided the classes selected do not conflict on the schedule of recitations.

Fifteen units of credit and one course in Bible each semester of the student's attendance are required for graduation. *"A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work."* These fifteen units must be distributed uniformly over the four years' course. Each student shall not pursue more than four subjects beside Bible. Thus ordinarily four years will be necessary to secure the required fifteen units of credit. The faculty reserves the right to make special provision for mature students.

Further requirements for graduation are: four years of English of students that take less than two years of a foreign

language; the study of one laboratory science. Students that wish to enter college must so arrange their course as to conform to the College Entrance Requirements, p. 13.

The graduates of our Academy are entitled to admission on certificate to any of the institutions having membership in the North Central Association of Colleges and Secondary Schools. This association is composed of all the leading universities and colleges of the north central states, including Ohio on the east and Kansas and Colorado on the south and west.

COURSES OF STUDY

FIRST YEAR

ENGLISH D. Grammar and Composition. English Classics. 5 hrs.

HISTORY D. Greek History, first semester. Roman History, second semester. 4 hrs.

MATHEMATICS D. Algebra. 5 hrs.

LATIN D. Beginning Latin. 5 hrs.

SCIENCE D. Physiology, first semester. Physical Geography, second semester. 4 hrs.

BIBLE D. Bible Geography. 1 hr.

SECOND YEAR

ENGLISH C. Practical Rhetoric and Composition. English Classics, college requirements. 5 hrs.

MATHEMATICS C. Geometry, Plane. 5 hrs.

HISTORY C. Mediæval History, first semester. English History, second semester. 4 hrs.

LATIN C. Cæsar. Latin Prose. 5 hrs.

SCIENCE C. Zoology, or Botany. 2 hrs. recitation, 4 hrs. laboratory.

BIBLE C. Bible Biography. 1 hr.

THIRD YEAR

ENGLISH B. Practical Rhetoric and Composition. English Classics, college requirements. 4 hrs.

HISTORY B. United States History. Civics. 4 hrs.

LATIN B. Cicero. Latin Prose. 4 hrs.

GREEK B. Beginning Greek.

SCIENCE B. Chemistry. 2 hrs. recitation, 4 hrs. laboratory.

GERMAN B. Beginning German. 4 hrs.

BIBLE B. Men of the Old Testament; Willman. 1 hr.

FOURTH YEAR

ENGLISH A. Practical Rhetoric and Composition. 4 hrs.

MATHEMATICS A. Algebra, first semester. Geometry, Solid, or Astronomy, second semester. 4 hrs.

SCIENCE A. Physics. 2 hrs. recitation, 4 hrs. laboratory.

LATIN A. Vergil. Prosody and Mythology. 4 hrs.

GREEK A. Xenophon's *Anabasis*.

GERMAN A. Second Year German. 4 hrs.

BIBLE A. Bible Literature. 1 hr.

BIBLE TRAINING SCHOOL

UPON THE JOHN C. MARTIN FOUNDATION

This department was brought into existence by the generosity of Mr. John C. Martin of New York City, and aims to meet a genuine need of the young people of to-day.

The Bible has had a tremendous influence upon the literature, education, and civilization of mankind. One who would thoroughly understand history must have a more or less complete knowledge of the Scriptures. Bible study is receiving greater attention to-day than ever before. Many eminent scholars have devoted their lives to the study and teaching of its truths. In harmony with this new interest in the great source Book, and in answer to the needs of the age, Carthage College offers a strong course of instruction in Biblical History, Literature, Philosophy, Ethics, Archæology, and Pedagogy. The text books have been prepared by experts in this country and abroad, and are used in the best schools of the land.

In addition to courses described on page 23, strong courses are offered to students who wish to specialize in Bible study.

NOTE—A total of sixteen semester hours of Bible are required for graduation from the College and a minimum of a one hour course will be required of all students in each semester.

Each Academy student is required to take a one hour course.

For further information address the President of the College.

School of Music

DESCRIPTION OF COURSES

VOICE

MISS DAVIDSON

It is the aim of this department to present voice culture as an art and a science worthy the sincere consideration of the scholarly mind and not as a mere accomplishment; as a part of that education which makes for broad culture, not as a means merely to some professional end.

That method of voice production will be presented which will best preserve and strengthen the natural beauty of the voice and develop overtones of artistic quality.

That class of vocal music will be studied which will help to cultivate high musical ideals and broaden the intellectual horizon.

The following course is open to those who are capable of acceptably doing the work. It is not necessary that the pupil should be highly gifted musically, but he should have a natural love for music, a fair degree of health, a correct ear, and freedom from any abnormal condition of the vocal organs.

No definite length of time can be specified for the completing of this course, as the voices of some will develop more rapidly than others, and as some will more readily accomplish the work than others. Candidates for graduation are required to take at least four years of work and, as a rule, no one should hope to graduate from this department under twenty years of age, as a young undeveloped voice is incapable of doing the work prescribed in the latter part of the course.

COURSE IN VOICE

Exercise in breathing, tone placing, tone development and flexibility, sight reading and enunciation continue throughout

the entire course, as do the study of musical form, artistic interpretation and expression.

Marzo's *The Art of Vocalization* will be used during the first year as a basis for technical study. This includes a methodically graded course in scales, arpeggios, embellishments, etc., and in selected vocalizes by such composers as Panofka, Concone, Nava, Panseron, Lütgen and others.

After the first year arias from the operas of the 17th, 18th and 19th centuries are substituted for vocalizes.

The scope of songs to be studied is wide, including folk songs and songs by composers of the following schools of music, German, French, Norwegian, Russian, Italian, English and our own representative American composers. Arias from the oratorios, arias from operas of the French, German and Italian schools.

Each year a limited number of songs are thoroughly studied, but much of the work outlined above is in the nature of required reading, that is, the songs are sung over, so that the pupil may become acquainted with the characteristics of a certain composer, period or school of music.

The following are some of the composers whose music is included in this course: Schubert, Schumann, Brahms, Wagner, Richard Strauss, Rossini, Verdi, Mascagni, Puccini, Boito, Massenet, Thomas, Bizet, Gounod, Saint-Saens, Debussy, d'Indy, Charpentier, Grieg, Smetana, Arensky, Dvorak, Hugo Wolf, Reger, Borodine, Missourgski, Tchaikowsky, Rachmaninoff, Bantock, Liza Lehmann, Coleridge Taylor, Busch, McDowell, Chadwick, Nevin, Rummel, La Forge, Cadman, Hadley, Mrs. H. H. A. Beach, Griffes, Carpenter.

GRADUATION

Candidates for graduation must have a general education equal at least to a high school course, must have had one year of German, French, History of Music, and two of Harmony, and must have completed the second grade in piano.

Candidates must also have undoubted musical taste and ability, must be able to sing at sight, be able to interpret and render songs artistically, and are required to give a graduating recital.

Candidates for graduation will be the only pupils permitted to appear in individual recital or to appear in recital as the only representative of the voice department.

QUARTET WORK

The study of four-voiced choruses and song cycles is offered to music students free of charge to develop ability in sight singing.

GLEE CLUBS

Boys' and Girls' Glee Clubs are formed for the study of glees and choruses of a classical and semi-classical nature.

CHORAL SINGING

Work along this line will consist of note reading and the study of choruses from the simplest four-voiced song forms to the great choruses from the oratorios and operas. The class is open to all who have sufficient musical knowledge to do the work.

MUSIC HISTORY

Hamilton's *Outlines of Music History* will be used for text, with supplementary reading. All sincere students of music should not fail to take the above two studies, as otherwise an intelligent understanding of the art is impossible.

PIANO DEPARTMENT

MISS KOCH

It is the aim of this department to give to those who come under its supervision the best musical education possible, and to awaken aspirations for the highest ideals in art and every day life as well. To do this, pupils are advised to take as much of the theoretical work as possible in addition

to the work in piano. In order to stimulate greater interest, pupils are urged to make use of every opportunity to hear good music, and to keep in touch with the happenings of the musical world. To further broaden their ability to interpret, pupils are urged to avail themselves of their opportunities and take courses in other departments as they have time for them. The following course of study is not rigidly followed, but selections are made as the need and individuality of the pupil require, as it is the aim of the department to develop well-rounded musicians, capable of expressing individual ideas in the interpretation of the compositions studied. Mere mechanical skill will, therefore, not suffice. Such skill is simply a means in interpretation.

ELEMENTARY

Fundamental principles of technique and phrasing, and their application in such compositions as the following: Mrs. Crosby Adams *First Lessons at the Piano*; Tchaikowsky *Album for the Young*; Schumann *Album for the Young*; Bach *Two Part Inventions*; Heller *Preludes and Etudes*; Reinecke *Sonatas*.

INTERMEDIATE

Further work in technique, and such compositions as the following: Mozart *Sonatas*, Haydn *Sonatas*, some of the easier Beethoven *Sonatas*, Bach *Three Part Inventions*, MacDowell *Woodland Sketches* and *Sea Pieces*, Schubert *Moments Musical* and *Impromptus*, Mendelssohn *Songs Without Words*, Chopin *Nocturnes*, *Waltzes* and *Mazurkas*, Liszt *Liebestrauml*, etc.

ADVANCED

Further work in technique, and such compositions as the following: Grieg *Sonata* and *Ballade*, Brahms *Sonata* and *Intermezzi*, Beethoven *Sonatas*, Schumann *Sonata* and *Etudes Symphonic*, Chopin *Etudes*, *Scherzos* and *Ballades*, Liszt *Etudes* and *Concertos*, Saint Saens *Concerto*, Rubenstein *Concerto*, etc.

EQUIPMENT

There are in the piano teacher's studio, which is situated in the main building, two pianos, an upright and a grand, also a clavier. A Mason & Hamlin grand piano is kept at the Trinity Lutheran Church, where all recitals are held, for recital use only. Several practice rooms are available for those who desire to practice at the College.

ENSEMBLE CLASS

To develop the pupils in ability to read at sight and in accuracy of rhythm, ensemble work is given once a week. No extra charge is made, and the work is open to all capable of doing it. Compositions which can be arranged for two pianos, but not readily adapted for solo work, such as the Dvorak *New World Symphony*, are used.

TECHNIQUE

Special work in technique will be given either in classes or privately. Different technical forms will be studied, followed by a study of the Chopin, Schumann and Liszt *Etudes* taken from a technical standpoint.

NORMAL TRAINING

This work is open only to those whom the teacher considers ready for such a course. The pupil must be taking other work in the department and be far enough advanced to understand the subject matter which will be discussed. A study of the muscles of the arm and hand, their functions and the means of developing them, will be taken up. A review of the different kinds of technique and their uses will be made, also a review of the rules and principles of phrasing, interpretation, rhythm and reading. The matter of selecting pieces suitable for different types of individuals and their needs, will be thoroughly discussed. The lectures will be practically illustrated by actually teaching in the presence

of the class. Teaching work will be assigned each member, and the result criticized before the class.

RECITALS

Frequent recitals are given by the pupils capable of taking part, so as to accustom them to playing in public and that all may become familiar with the various compositions being studied. Numerous recitals are also given by the faculty of the music department. Other opportunities for hearing good music are offered by the college organizations, such as the Boys' Glee Club, Girls' Glee Club, and Orchestra.

The requirements for completing a course are a year's work in the history of music, two years of harmony and an amount of work in piano deemed satisfactory to the instructors, the length of time depending upon the ability and industry of the pupil.

ORGAN

Those intending to take work in pipe organ playing are urged to supplement it with work on the piano and in the theory of music, when possible. The fundamental principles of technique, both manual and pedal, rhythm, sight reading and phrasing are taught. Especial attention is paid to interpretation and registration. Such works as Lemmen's *Organ School*, Mendelssohn's *Organ Sonatas*, Bach's *Fugues*, Guilman's *Practical Organist*, Dubois' *Tocata*, are used.

HARMONY

Two years will be required satisfactorily to complete the course in harmony. The work may be taken privately or in classes, either once or twice a week. Foote and Spaulding's *Harmony* will be used as a text. The work will include study in ear training in connection with the other requirements. Especial attention is given to original composition.

RULES AND REGULATIONS

Instructors are not required to make up lessons lost through the absence of a pupil.

No deductions will be made for omitted lessons except in case of protracted illness.

Special vocal coaching for work outside the course will be given only to advanced pupils, and then on the condition that it does not interfere with the regular work.

Two years of ensemble work are required of graduates in the piano department.

All pupils are required to take part in pupil's recitals, which will be given from time to time during the year.

A statement of the work done by the pupil will be given if so desired.

For fees in music see page 39.

PHYSICAL CULTURE FOR WOMEN

MISS MABEL MARTINIS

It is our aim in this department to promote the physical well-being of each student, that the body may be made the sustaining and propelling power for the student's mental activity during the whole period of her college training, and also fitted for the performance of the duties of later life. The importance of daily exercise and proper breathing, is emphasized, and the work undertaken of correcting physical irregularities and of promoting grace and ease in carriage. A variety of esthetic exercises and drills for general physical development, both with and without apparatus is used.

PHYSICAL CULTURE FOR MEN

MR. BAIRD

Every man in college is required to take two hours' gymnasium work per week, or its equivalent in out-door athletics, for which one-half of a credit is given.

During the fall the men play football and have a moderate number of games scheduled with other institutions of learning, the object being to give added interest in out-door exercise by giving men something extra for which to play, besides the mere daily routine. Men gain an additional benefit by meeting others in clean, honest games.

Carthage College can boast of a better gymnasium than many institutions of five or six times its enrollment. After Thanksgiving the men go into the gymnasium, taking regular drills in Indian club, bar bell, dumb bells and free hand movements, together with work on the French horse, ladders, parallel and horizontal bars. Much interest is taken in basket ball, and teams from neighboring schools and cities are played.

After March 1, track athletics are taken up and in-door and out-door interclass meets are held; also track meets with as many other colleges as time will permit.

The College Athletic Field is well equipped with 120-yard cinder path, jumping and vaulting places, ample room for the hurling of the weights, a good blue grass gridiron, a quarter-mile track and baseball diamond. It is convenient to the gymnasium, and is not surpassed by any such fields in this part of the country.

Carthage College's ideal of a man is one who is intellectual, and who has a physique which is not a disgrace to his intellect.

DEGREES GRANTEDMAY 28, 1913,

DOCTOR OF DIVINITY

Wiles, Rev. Chas. P.....Philadelphia, Pa.

MASTER OF ARTS

Pennock, Emily C.....Carthage

Everhart, CliffordCarthage

BACHELOR OF ARTS

Carlson, Esther AlfredaRockford

Dorow, Elizabeth SylviaGolden

Dorow, Erna AdelaideGolden

Ferris, Dorothy LathamCarthage

Swaney, Dennis DavidNokomis

BACHELOR OF LITERATURE

Grote, CarolineMacomb

Vornholt, Ellen LouiseLisbon, Iowa

BACHELOR OF SCIENCE

Parker, KarrMadisonville, Ky.

Swaney, Luther AmbroseNokomis

Walker, Hale JuniusCarthage

Welge, Lynn OscarHillsboro

STUDENTS

THE COLLEGE

GRADUATE

| | |
|--------------------------|-----------------|
| Badger, Roy Marcen | Lincoln, Neb. |
| Chevillon, Blanche | Carthage, Ill. |
| Cannon, Blanche | Anna |
| Hantelmann, G. C. A..... | Carthage |
| Herbst, J. M..... | Nachusa |
| Juchoff, Edna | Chicago |
| Little, Roy | Mount Morris |
| Reichle, C. D..... | Milwaukee, Wis. |
| Sundberg, Carl | Ottumwa, Iowa |

SENIOR CLASS

| | |
|--------------------------------|----------------------|
| Berry, Frieda Coreene..... | Carthage |
| Chevillon, Eunice Emruth | Carthage |
| Clark, Nellie Marie | Polo |
| Craig, Florence Margaret | Carthage |
| Getzendaner, Mark Abraham..... | Polo |
| Loomis, Arthur Tull | Dallas City |
| Snyder, Harmon Milton | Waverly, Ohio |
| Webb, Jasper Kent | Niota |
| Williams, Susan Kathryn | Fort Stockton, Texas |

JUNIOR CLASS

| | |
|--------------------------------|-----------------|
| Bannen, Hugh Francis | Rockford |
| Blancke, Lillian Edith | Davenport, Iowa |
| Blancke, Mary Edna | Davenport, Iowa |
| Crawford, Carroll Albert | Freeport |
| Gent, John Jacob | Muscatine, Iowa |
| Rohrbough, Ona | Carthage |

SOPHOMORE CLASS

| | |
|-----------------------------------|--------------------|
| Burner, Wahneta Marie | Carthage |
| Cherrill, Elizabeth Goodwyn | Carthage |
| Coppin, Edith Lial | Carthage |
| Crane, Nettie Florence | Lena |
| Cronk, Marie | Carthage |
| Ebright, Oak Wood | North Platte, Neb. |
| Eicken, Adolph | La Prairie |
| Flack, Elmer Ellsworth | Mendon |
| Harris, Max Lee | La Harpe |
| Hill, Katharine Kuhns | Carthage |
| Hill, Robert McClaughrey | Carthage |
| Holtgreve, Paul Nace | Washington |
| Johnson, Mabel Arevela | Rockford |
| Keckler, Ethel Leona | Milledgeville |
| Kline, Allen Sides | Rock Falls |
| Krauss, William Carl | Jonesboro |
| Kunkel, Cora Louise | Carthage |
| McCreary, Eula Marie | Carthage |
| Pumphrey, Elizabeth Miriam | Carthage |
| Seibert, Edith Mary | Chicago |
| Sympson, Enid Marie | Carthage |
| Thielbar, Clara Ruth | Washington |

FRESHMAN CLASS

| | |
|---------------------------------|-------------------|
| Anderson, Agnes M..... | Shelby, Mich. |
| Barnett, Dorothy Irene | Mendon |
| Bannen, Robert | Rockford |
| Beckstrand, O. Garfield..... | Rockford |
| Botts, Forest Eliza | Plymouth |
| Bruce, Helen | Carthage |
| Cashen, Dorothy Josephine | Carthage |
| Fager, Eugene Philip | Murphysboro |
| Fleming, Chester | Denver |
| Knudten, Arthur Christian | Chicago |
| Kraxberger, Lydia Theresa | Albuquerque, N. M |

| | |
|--------------------------------|-------------|
| Lawless, Carl Emerson | Carthage |
| Mapes, Lester Ryan | Ferris |
| Marshall, Mary Elizabeth | Hamilton |
| Pelzer, Harry Louis | Carthage |
| Putcamp, Elsie Myrtle | Princeton |
| Reidner, William Edward | Ferris |
| Rose, John Leland | Carthage |
| Simmons, Joseph F. | Carthage |
| Simser, Erma Darlene..... | Nevada, Ia. |
| Sweeney, Carrie Helen | Carthage |
| Ward, Marion Amanda | Lena |

SPECIAL

| | |
|----------------------------|--------------|
| Barnard, Rosalie | Chicago |
| Chevillon, Lenore | Carthage |
| Cutler, Martha Joy | Carthage |
| Hill, Lewis Rowland | Carthage |
| Johansen, Virgil M. | Carthage |
| Harris, Pearl Louisa | Carthage |
| McKenney, Chas. | Elvaston |
| Nicholas, Margaret | Kirkwood |
| Shipton, LeVeta | Carthage |
| Symonds, Mary | Carthage |
| Wolfe, Harold Edward | Carthage |
| Zimmerman, Milo Doub | Mount Morris |

THE ACADEMY

GRADUATES 1913.

| | |
|-------------------------------|-----------|
| Beckstrand, O. Garfield | Rockford |
| Fleming, Chester | Denver |
| Griffiths, Grace Mabel | Pontoosuc |
| Shoup, Ethel, H. | Carthage |
| Yetter, Bertha Chlorus | Carthage |
| Wolfe, Harold Edward | Carthage |

FOURTH YEAR

| | |
|-------------------------|----------|
| Bannen, Robert | Rockford |
| Bollin, Mark Earl | Nauvoo |

| | |
|-----------------------------|--------------|
| Cotterman, Glenn | Kokomo, Ind. |
| Kimmell, Eleanor | Carthage |
| Lewis, Joseph F. | Powellton |
| Lawrence, Paul C..... | West Point |
| Meyer, Henry Fred | Steeleville |
| Pelzer, Harry Louis | Carthage |
| Shipton, LaVeta | Carthage |
| Simmons, Joseph | Carthage |
| Smith, Walter Allison | Payson |
| Yetter, Eva Pearl | Carthage |

THIRD YEAR

| | |
|--------------------------------|-----------|
| Coffman, Opal | Bentley |
| Dameier, Marie Henrietta | Lena |
| Hedrick, Edward James | Loraine |
| Hill, Ralph Marchand | Carthage |
| Hughett, Harold F..... | Carthage |
| Reed, Esther L. | Plymouth |
| Jenkins, Herbert C. | Carthage |
| Trouth, Theodore John Jr..... | Sterling |
| Wedding, Harvey Martin | Princeton |
| Windman, George Barnett | Carthage |
| Wolfe, Merland Jose | Carthage |
| Zimmerman, Myrtle Adah | Burnside |

SECOND YEAR

| | |
|--------------------------------------|---------------|
| Ayers, Frances | Warsaw |
| Bolton, Florence Jessie | Nauvoo |
| Botkin, John M. | Denver |
| Frazee, Lester Frank | Bentley |
| Hill, Constance | Carthage |
| Houston, Elizabeth Sarah | Good Hope |
| Houston, William Campbell..... | Good Hope |
| Jans, Fred Carl | Warsaw |
| Jenkins, Ralph Allen | Carthage |
| Johannsen, Waldemar Alvin Siton..... | Dubuque, Iowa |
| Kaster, Meddie Jane | Greentop, Mo. |

| | |
|---------------------------------|-----------------|
| Lovekamp, Selma Magdalena | Arenzville |
| McMahon, Anna Rosetta | Warsaw |
| Morrison, Marion S. | Loraine |
| Peyton, Edna | Warsaw |
| Simmons, Waldo Emerson..... | Carthage |
| Simmons, Walter Wallace | Carthage |
| Walker, Aurelia Helen | Carthage |
| Windman, Ernest Paul | Carthage |
| Zoeckler, Benjamin | Davenport, Iowa |

FIRST YEAR

| | |
|--------------------------------|--------------------|
| Barnard, Richard Edward | Chicago |
| Boegner, Rosa | Nauvoo |
| Burgner, Harry Edward | East St. Louis |
| Carle, Hazel Emery | Carthage |
| Fleming, Carl Ramsey | Denver |
| Heldt, Adolph | Orleans, Neb. |
| Hughes, Ramona Clementina..... | Ferris |
| Kleppinger, Virgin | Freeport |
| Lionberger, Edith Ferris | Carthage |
| Long, Levi | Carthage |
| McConnell, Frances | LaHarpe |
| Robertson, Kenneth | Carthage |
| Scheltema, Paulus Evert | Amsterdam, Holland |
| Shoup, Harry Washington | Carthage |
| Walker, Vera Fern | Carthage |

SCHOOL OF MUSIC

GRADUATES 1913.

| | |
|--------------------------------------|----------|
| Sympson, Enid Marie (Voice) | Carthage |
| Talbot, Bernice Bidwell (Piano)..... | Plymouth |
| Yutzy, Anna (Piano)..... | Carthage |

VOICE

| | |
|-----------------------------|---------------|
| Anderson, Agnes M. | Shelby, Mich. |
| Ayers, Frances | Warsaw |
| Berry, Frieda Coreene | Carthage |

| | |
|-----------------------------------|---------------------|
| Blancke, Lillian Edith | Davenport, Iowa |
| Cherrill, Elizabeth Goodwyn | Carthage |
| Chevillon, Lenore | Carthage |
| Cronk, Marie | Carthage |
| Dameier, Marie Henrietta | Lena |
| Davidson, Mary Louise | Carthage |
| Flynn, Kitty | Carthage |
| Getzendaner, Mark Abraham | Polo |
| Greer, Nellie D..... | Carthage |
| Hantelmann, G. C. A. | Carthage |
| Kaster, Meddie Jane | Greentop, Mo. |
| Krauss, William Carl | Jonesboro |
| Lionberger, Edith Ferris | Carthage |
| Loomis, Arthur Tull | Dallas City |
| Lovecamp, Selma Magdalena | Arenzville |
| Lovitt, Ethel Thompson | Carthage |
| O'Harra, Gladys June | Carthage |
| Pumphrey, Elizabeth Miriam | Carthage |
| Rowe, Erma | Carthage |
| Runyon, R. S. | Carthage |
| Shipton, LaVeta | Carthage |
| Symond, Mary | Carthage |
| Walker, Helen Joy | Carthage |
| Wedding, Harvey Martin | Princeton |
| Williams, Susan Kathryn | Fort Stockton, Iowa |
| Yutzy, Anna | Carthage |
| Zimmerman, Myrtle Adah | Burnside |

PIANO

| | |
|-----------------------------------|---------------|
| Anderson, Agnes M. | Shelby, Mich. |
| Barnard, Rosalie | Chicago |
| Briley, Helen | Carthage |
| Bruce, Helen | Carthage |
| Boegner, Rosa | Nauvoo |
| Burner, Wahneta Marie | Carthage |
| Cherrill, Elizabeth Goodwyn | Carthage |

| | |
|------------------------------------|-------------|
| Chevillon, Eunice Emruth | Carthage |
| Clark, June | Carthage |
| Clark, Nellie Marie | Polo |
| Davidson, Grace | Carthage |
| Derr, Edward | Carthage |
| Doud, Mrs. R. F. | Ferris |
| Egbers, Mrs. W. G. | Carthage |
| Ferris, Phoebe | Carthage |
| Ferris, Mary Glenn | Carthage |
| Flynn, Lelia | Carthage |
| Graham, Helen | Denver |
| Harris, Pearl Louisa | Carthage |
| Hill, Ralph Marchand | Carthage |
| Hoover, Dorcas Grace | Carthage |
| Hoch, Helen | Carthage |
| Hughes, Ramona Clementina | Ferris |
| Huston, Elizabeth Sarah | Good Hope |
| Jackson, Josephine Christina | Carthage |
| Kemp, Emogene | Bowen |
| Kleppinger, Virgin | Freeport |
| Kline, Allen Sides | Rock Falls |
| Lennix, Margaret | Webster |
| Lionberger, Edith Ferris | Carthage |
| Loomis, Arthur Tull | Dallas City |
| Lovekamp, Selma Magdalena | Arenzville |
| Lyon, Esther | Carthage |
| Lyon, Emily | Carthage |
| Mannussier, Fairy | Basco |
| Pelzer, Grace | Carthage |
| Peyton, Edna | Warsaw |
| Pittam, Nellie | LaHarpe |
| Pumphrey, Elizabeth Miriam | Carthage |
| O'Harra, Erma Rand | Carthage |
| Owsley, Miriam | Carthage |
| Reed, Esther L. | Plymouth |
| Rowe, Erma | Carthage |

| | |
|------------------------------|-------------|
| Salisbury, Mildred | Carthage |
| Simser, Erma Darlene | Nevada, Ia. |
| Symonds, Mary | Carthage |
| Sympson, June | Carthage |
| Van Gundy, Justine | Carthage |
| Ward, Marion Amanda | Lena |
| Williams, Miriam | Carthage |
| Yetter, Bertha Chlorus | Carthage |
| Yutzy, Anna | Carthage |
| Zimmerman, Myrtle Adah | Burnside |

PIPE ORGAN

| | |
|--------------------------------|----------------|
| Blancke, Lillian Edith | Davenport, Ia. |
| Cutler, Martha Joy | Carthage |
| Lionberger, Edith Ferris | Carthage |
| Simser, Erma Darlene | Nevada, Ia. |
| Walker, Helen Joy | Carthage |
| Ward, Marion Amanda | Lena |
| Yutzy, Anna | Carthage |

HARMONY

| | |
|-----------------------------------|----------------------|
| Anderson, Agnes M..... | Shelby, Mich. |
| Barnard, Rosalie | Chicago |
| Berry, Frieda Coreene..... | Carthage |
| Blancke, Lillian Edith | Davenport, Ia. |
| Bruce, Helen | Carthage |
| Burner, Wahneta Marie | Carthage |
| Cherrill, Elizabeth Goodwyn | Carthage |
| Clark, Nellie Marie | Polo |
| Doud, Mrs. R. F. | Ferris |
| Flynn, Lelia | Carthage |
| Kleppinger, Virgin | Freeport |
| Lionberger, Edith Ferris | Carthage |
| Pumphrey, Elizabeth Miriam | Carthage |
| Simser, Erma Darlene | Nevada, Ia. |
| Symonds, Mary | Carthage |
| Williams, Susan Kathryn | Fort Stockton, Texas |

MUSIC HISTORY

| | |
|--------------------------------|-----------|
| Barnard, Rosalie | Chicago |
| Burner, Wahneta Marie | Carthage |
| Doud, Mrs. R. F. | Ferris |
| Kleppinger, Virgin | Freeport |
| Lionberger, Edith Ferris | Carthage |
| Wedding, Harvey Martin | Princeton |

NOTE: The above classification of students may not be altogether correct in a few individual cases.

SUMMARY

THE COLLEGE:

| | | |
|------------------|----|----|
| GRADUATE | 9 | |
| SENIORS | 9 | |
| JUNIORS | 6 | |
| SOPHOMORES | 22 | |
| FRESHMEN | 22 | |
| SPECIAL | 12 | 80 |

THE ACADEMY:

| | | |
|----------------------|----|-------|
| FOURTH YEAR | 12 | |
| THIRD YEAR | 12 | |
| SECOND YEAR | 20 | |
| FIRST YEAR | 15 | 59 |
| SCHOOL OF MUSIC..... | | 84 |
| | | <hr/> |
| | | 223 |
| NAMES REPEATED | | 52 |
| | | <hr/> |
| TOTAL | | 171 |

ALUMNI ET ALUMNAE

OFFICERS OF THE ASSOCIATION

| | |
|------------------------------|----------------------------|
| President..... | J. ARTHUR BAIRD, '00 |
| First Vice President..... | C. J. O'HARRA, '06 |
| Second Vice President..... | J. C. FERRIS, '78 |
| Third Vice President..... | HELEN FERRIS, '03 |
| Recording Secretary..... | EMILY PENNOCK, '00 |
| Corresponding Secretary..... | HELEN GRIFFITH, '07 |
| Treasurer..... | S. H. FERRIS, '82 |
| Editor..... | MABEL MARTINIS LITTLE, '98 |
| Biographer..... | DR. C. L. FERRIS, '76 |
| College Trustee | DR. C. L. FERRIS, '76 |

1875.

| | |
|--|--------------------|
| James M. Cromer, A. M., D. D., minister..... | South Auburn, Neb. |
| *Ida Harris King, A. M.,..... | Prescott, Iowa |
| Maggie Taylor Bowers, A. M..... | Boise City, Idaho |
| Kate Thummel Fisher, M. S., 20 The Green, | Dover Delaware |

1876.

| | |
|--|------------------|
| *Hon. George A. Anderson, A. M..... | Quincy |
| *Grace Cherrill, B. S..... | Carthage |
| Ben L. Cress, M. S., civil engineer..... | Red Cliff, Colo. |
| J. M. Dempster Davidson, A. M., D. D., General Mis- sionary, Diocese of Quincy..... | Macomb |
| Oscar M. Easterday, M. S..... | Palo Alto, Cal. |

*Deceased. Last residence given.

†The faculty and officers of the Association desire to have the correct address of every graduate. It will be deemed a favor if the President of the college and the secretary of the Association be informed of errors and of changes in address.

Ina Elder, A. M., Principal of High School....Felsmere, Fla.
 Joseph C. Elder, M. S., farmer.....Felsmere, Fla.
 Charles L. Ferris, A. M., M. D., physician.....Carthage
 J. Q. A. Kimmel, M. S., LL. B.....
1454 Monroe St., N. W., Washington, D. C.
 Sophronia Nesbit, A. M.....Hood River, Oregon
 *Hattie Scofield Cromer, A. M.....Kansas City, Mo.
 T. J. Scofield, A. M., attorney...7221 Jeffery Ave., Chicago
 Rose Spitler Scofield, A. M.....Carthage
 Judge A. A. Wolfersperger, M. S., attorney-at-law...Sterling

1877.

*George H. Albright, A. M.....Roca, Neb.
 *Jennie Fletcher, M. S.....Carthage
 Mary Hawley Findley, M. S.....Wichita, Kansas
 *Addie Logan Ray, A. M.....Chester
 Laura A. Manier, A. M., music teacher.....Carthage
 Emma Sample Darrough, M. S.....Red Bluff, Cal.
 Julia Scofield McKemey, A. M.....Fairfield, Iowa
 Rev. James E. Weir, A. M., real estate and insurance agent
Grand Junction, Colo.
 *J. J. Williams, A. M., attorney-at-law.....Carthage

1878.

*L. P. Cravens, A. M.....Lake City, Minn.
 Mary Margaret Cravens, A. M., teacher.....Richland, Mo.
 Emma J. Cromer Ladd, A. M.....
1624 Oakland Ave., Des Moines, Iowa
 Charles S. DeHart, A. M., financierCarthage
 John F. Fair, A. M., M. D., physician.....Freeport
 Junius Colton Ferris, A. M., M. E., banker.....Carthage
 William G. Gettle, A. M., minister.....Table Rock, Neb.
 E. Clark Hughes, A. M., LL. D., U. S. Dist. Judge.....
St. Paul Flats, Seattle, Wash.
 J. Frank Keefer, A. M., M. D., physician.....Sterling
 *George W. Loop, A. M., farmer.....Huntsville

Charles M. McMillan, B. S., insurance agent.....Carthage
 M. G. Rohrbaugh, M. S., pres. business college.....
555 S. 26th St., Omaha, Neb.

1879.

Caroline Bartlett Crane, A. M., minister and Civic Im-
 provement Expert.....Kalamazoo, Mich.
 Alice E. Crawford Sanford, M. S.....Palo Alto, Cal.
 *Rev. Peter Ewald, A. M.....Lyons, N. Y.
 W. G. W. Geiger, A. M., attorney-at-law.....Tipton, Iowa
 Frank H. Helsell, A. M., circuit judge...Sioux Rapids, Iowa
 Scott M. Ladd, M. S., LL. D., judge of supreme court....
1624 Oakland Ave., Des Moines, Iowa
 *Flora Manier Geiger, A. M.....Tipton, Iowa
 Nellie Nesbit Hunn, A. M., 1300 W. 8th St., Des Moines, Iowa
 Fernando Sanford, M. S., head professor of physics in
 Leland Stanford Jr., University.....Palo Alto, Cal.
 Albert B. Shrader, A. M., D. D., minister.....
413 N. 6th St., Kansas City, Kansas
 H. M. Swope, A. M., attorney-at-law.....Quincy
 Mary V. Thompson Harris, M. S.....Carthage
 Hattie L. Tillapaugh Shrader, M. S.....
413 N. 6th St., Kansas City, Kansas
 William H. Weaver, M. S., M. D., physician.....
McDonoughville, La.

1880.

Stephen B. Bittenbender, A. M., farmer.....
Northwestern, California
 Frank H. Campbell, M. S., M. D., physician...Claffin, Kansas
 Robert L. Casburn, M. S., M. D., physician.....Carthage
 Emma DeHart Hughes, A. M.....
St. Paul Flats, Seattle, Wash.
 Joseph G. Gilcrist, M. S., civil engineer.....Brookfield, Mo.
 Minnie Gilchrist Wood, M. S.....Ridgewood, N. J.

Frank H. Graves, A. B., attorney.....
515 E. 16th Ave., Spokane, Wash.
 M. Blanche Griffin McArthur, M. S.....Hamilton
 W. D. Henkle, A. M., printer.....
13th and Dickinson Sts., Philadelphia, Pa.
 Rev. Herman Juilfs, A. M.....White Oak, Ohio
 M. Inez Robbins Bickford, M. S.Plymouth
 Andrew S. Zimmerman, A. M., minister.....
181 S. 7th St., Newark, N. J.

1881.

Will O. Carlton, B. S., editor.....Cambria, Wyo.
 William F. Ebright, A. M., teacher.....North Platte, Neb.
 *Adelia Griffin Barnett, B. S., 2640 Prospect Ave.....
Kansas City, Mo.
 *Frank C. Harris, B. S.....Los Angeles, Cal.
 Edgar F. Hurdle, B. S., farmer.....Hartville, Wyo.
 *Josiah Kuhn, B. S., ministerAtchison, Kansas
 Joseph H. Miller, A. M., M. D., physician.....Surprise, Neb.
 *Clifford C. Musser, A. M.....Hampton, Iowa
 Mary Overman Damrell, B. S.....Hastings, Neb.
 *W. P. Overman, B. S.....Red Cloud, Neb.
 John K. Reed, B. S., minister...600 N. 3d St., Phoenix, Ariz.
 Walter Vanzile, B. S., farmer.....Athens, Ala.
 R. D. Zimbeck, A. M., M. D., physician..Montevideo, Minn.

1882.

Oscar E. Aleshire, A. M., insurance agent.....
1933 Insurance Exchange Bldg., Chicago
 Stephen H. Ferris, A. M., banker.....Carthage
 A. C. T. Geiger, A. M., district judge.....Oberlin, Kansas
 Kate Griffith Hill, A. M.....Carthage
 *Francisca Hopp Geiger, A. M.....Oberlin, Kansas
 David E. Mack, A. M., attorney-at-law.....Carthage
 Florence J. Mereness Tressler, M. S.....Montpelier, Ohio

George H. Schnur, A. M., minister.....
1034 Laurel Ave., St. Paul, Minn.
 *William N. Weir, B. S., M. D.....Carthage
 Frank Wertz, A. M., attorney-at-law.....Forreston
 Susan Williams, M. S.....Carthage

1883.

Alice Biery Miller, B. S.....Dixon
 W. Henry Blancke, A. B., D. D., minister.
1412 Main St., Davenport, Iowa
 Fannie M. Dryden, A. M., Religieuse in Convent of Sa-
 cred Heart.....New York City
 Noah Fritz, A. B., manufacturer.....Onida, S. D.
 *Edwin S. Hoffman, A. B.....Hornellsville, N. Y.
 *Mamie Hooker Daoust, A. B.....Defiance, Ohio
 D. Alban Kistler, B. S., broker.....
2079 Cropsey Ave., Brooklyn, N. Y.
 Adam Schafer, A. B., Ph. D., minister.....Reno
 Henry A. Spielman, A. B., merchant, 1335 Topeka Ave..
Topeka, Kansas
 Jessie Williams Hart, A. M.....Ontario, Cal.
 Lillie Zimmerman Schafer, A. B.....Reno

1884.

Roberta Brewer Risse, B. S.....Carthage
 Julia Ferris Hubbs, B. S.....Coburg, Ore.
 E. Lee Fleck, A. B., minister.....1331 J. St., Lincoln, Neb.
 Matie Gray, B. S.....Elderville
 Olive Hosford Fleck, A. B.....1331 J. St., Lincoln, Neb.
 Lura V. Thompson Porter, A. M., State President C. W.
 B. M.....Carthage

1885.

Clara Browning Johnson, A. B., 1528 Appleton Ave....
Long Beach, Cal.
 Minerva Holland, A. B., clerk.....Carthage

*W. J. Martin, A. M.....Vincennes, Ind.
 *A. L. Miller, B. S., M. D.....Dixon
 George A. Rohrbaugh, A. B., teacher in business college
1330 S. 30th Ave., Omaha, Neb.
 Ralph E. Scofield, A. B., attorney-at-law...Kansas City, Mo.
 J. E. Williams, A. M., merchant.....Carthage

1886.

Edwin Bollman, A. M., graduate student.....
University of Nebraska, Lincoln, Neb.
 Sarah L. Hyde Mensel, A. B.....Northampton, Mass.
 C. B. Lintwed, A. B., minister.....Jersey Shore, Pa.
 Elizabeth Nace Holtgreve, A. B.....Washington

1887.

Paul B. Holtgreve, A. B., D. D., minister.....Washington
 *Rev. John N. Hyde, A. B., missionary.Lodiana, Punjab, India
 Julia Kellogg Goldwater, A. B.....Aberdeen, Wash.
 Abbie Kuhl Rizer, B. S...4572 Duncan Ave., St. Louis, Mo.
 Laura McColm Dysinger, A. B., 1518 Jacob St.....
Wheeling, W. Va.
 *Sallie Manier, A. B.....Carthage
 Rev. E. H. Mensel, A. M., Ph. D., Prof. of German Lan-
 guage and Literature, Smith College, Northampton, Mass.
 William H. Noffziger, A. M., minister.....
119 West State St., Alliance, Ohio
 Mary Tressler Newcomer, A. M.....Carthage

1888.

Hugh M. Bannen, A. M., D. D., minister.....Rockford
 Albert F. Ernst, A. M., minister.....Grand Island, Neb.
 Fred W. Hawley, A. M., D. D., President Henry Kendall
 College.....Tulsa, Okla.
 Rev. Albert Miller, A. B., missionary (furlough).....
Elvaston, Ill.
 Harry H. Whitten, A. B., M. D., physician.....Batavia

1889.

W. S. Dysinger, A. B., minister.....
.....1518 Jacob St., Wheeling, W. Va.
C. B. Newcomer, A. M., broker.....Carthage
Bess A. Tressler Maloney, A. B.....Polo

1890.

Belle Bolton Balmer, B. S.....Loomis, Cal.
J. L. Mishler, B. S., farmer.....Pearl City
L. J. Motscham, A. B., minister.....Newport, Ky.

1891.

Cleophas C. O'Harra, A. B., Ph. D., President of State
School of Mines.....Rapid City, S. Dak.

1892.

C. B. Beckmeyer, attorney-at-law.....Mt. Pulaski, Ill.
H. C. Funk, A. B., minister..2005 Yale Ave., Sacramento, Cal.
Mrs. Lillian Monk, B. L.....
.....1617 S. Flower St., Los Angeles, Cal.
R. W. Saer, A. B., banker.....Carthage

1893.

Mollie Marvel O'Harra, B. S.....Rapid City, S. Dak.

1894.

Will M. Beck, A. B.....638 N. High St., Lancaster, Ohio
Nellie Cherrill Merrill, B. L.....
.....602 Mumford Court, Kansas City, Mo.
George C. Cromer, A. B.....Louisville, Ky.
Maggie Delo, B. S., head Latin dept., high school.....
.....633 E. 6th St., Oklahoma City, Okla.
Joseph Hegener, A. B., minister.....Colorado Springs, Colo.
Herbert L. Jackson, A. B., attorney-at-law....Litchfield, Ill.
Penfield E. Mason, A. M.....
.....Cable-Nelson Piano Co., Chicago, Ill.

1895.

E. K. Cherrill, A. B., Vice President Merchants' Exchange
National Bank.....New York City
T. Edwin Gill, B. S.....407 Fay Bldg., Los Angeles, Cal.
*J. Louis Nace, A. B.....Carthage
C. W. Ramsey, B. S., carpenter.....Address Unknown
J. Kent Rizer, A. M., minister.....
.....4572 Duncan Ave., St. Louis, Mo.
*Eddy Robbins, B. S.....Carthage
Annie E. Sanford, A. B., missionary.....Guntur, India
O. B. Turner, A. B., farmer.....Plymouth

1896.

Effie Cromer Nelson, B. S.....Fargo, N. D.
M. Isabel Felgar Wilson, B. S.....Fairfield, Iowa
Leona May McAnulty, B. S.....Carthage
John H. McCulloch, A. B., minister.....Iowa City, Iowa
Matie H. Schlenker, B. L., teacher.....
.....625 Division St., Toledo, Ohio

1897.

Matthew M. Anderson, B. L., printer....Fort Madison, Iowa
M. Golden Davidson Williams, B. S.....
.....3400 Chicago Ave., Minneapolis, Minn.
Frederick W. Jasper, B. L., lumber merchant..Newton, Iowa
Alice L. Marvel Ruggles, B. S.....Carthage
Mary C. Noyes McKee, B. S.....Orono, Maine
Samuel B. Robbins, A. B.....Carthage

1898.

*Claudius Knudten, A. B.....Chicago
Mabel Martinis Little, B. S.....Mt. Morris, Ill.
Chas. J. Tressler, A. B., attorney, Swift & Co.....
.....9942 Longwood Drive, Chicago

1899.

- *Royal B. Brandon, B. S., farmer.....Fountain Green
 Charles C. Carlton, B. S., lawyer.....
1338 Upas St., San Diego, Cal.
 John M. Herbst, A. B., minister.....Nachusa
 Theo. J. Jensen, A. B., physician.....Breklum, Germany
 Alfred R. Kent, B. S., lawyer and banker...Peabody, Kansas
 Philena Marvel Rand, B. L.....Bowen
 Frederick W. Obert, B. S., M. D., physician.....
Address Unknown
 Herbert S. Salisbury, B. S., surveyor and engineer....Ferris
 Morgan L. Webb, B. S., B. D., minister.....Camden, Ind.

1900.

- Roy M. Badger, A. B., minister....1002 G. St., Lincoln, Neb.
 James A. Baird, A. B., Physical Director Carthage College;
 county judge.....Carthage
 Maud Elder Matthis, B. L.....Hamilton
 H. G. Ferris, B. S., merchant.....Warsaw
 Samuel Naylor, A. B., lawyer.....Carthage
 F. H. Ottman, A. B., prin. Commercial department, high
 school.....7209 Kedron Ave., Pittsburg, Pa.
 Emily C. Pennock, A. M., instructor in C. C. Academy
Carthage
 Tilden F. Phillips, B. S., high school teacher, Duluth, Minn.
 Bess J. Ringheim Tressler, B. S.....
9942 Longwood Drive, Chicago
 Ellen B. Schuff, A. M., missionary.....Guntur, India
 Anna L. Simmons, B. S., Dean of Women.....
Carthage College, Carthage
 Charles E. Sparks, A. M., minister.....York, Neb.

1901.

- Lucy S. Cherrill Marsh, B. S.,.....
828 Franklin St., Keokuk, Iowa
 Ida J. Helfrich, B. L., high school teacher.....Carthage

Harold Lee Jones, B. S., traveling salesman.....
4227 Prairie Ave., Chicago
 Bertha Lane Webb, B. S.....Camden, Ind.

1902.

Mary E. Crotzer, B. S.....Lena
 Clyde Cutler, B. S.....1111 Argyle St., Chicago
 George H. Fonken, A. B., sec'y Y. M. C. A.....
1911 Anthony Ave., New York City
 Ben L. Matthis, B. S., farmer.....Hamilton
 Elizabeth T. Mayor, A. B., teacher in high school.....
Grafton, N. D.
 Helen M. Noyes, B. S., teacher in mathematics.....
Ferry Hall, Lake Forest

1903.

John Culkin, Jr., A. B., farmer.....Carthage
 Helen Ferris, A. M., teacher in English, high school....
215 W. 10th St., Hadden Hall, Oklahoma City, Okla.
 A. Earl Isham, A. B., D. B., minister.....
847 E. Central Ave., Redlands, Cal.
 Ethel E. McAnulty Brown, B. S., 522 Nims St., Wichita, Kan.
 John H. McCallister, A. B., farmer.....Carthage
 Margaret Proctor, A. B., high school teacher..Lincoln, Neb.
 Geo. E. Walter, A. B., lawyer, 1519 Fifth Ave., Seattle, Wash.
 Blanche Webb Scofield, B. S.....Chillicothe, Mo.

1904.

Harriet Davis Gibson, B. S.....Ferris
 Clyde P. Johnson, B. S., state's attorney.....Carthage
 Carrie M. McCollum Rasmussen, B. S.....
747 Leebrick St., Burlington, Iowa
 William D. Sifferd, B. S., electrician.....
1674 N. Limestone St., Springfield, Ohio
 Anna M. Wilhelmsen Picard, A. B., missionary.....
Beara, Province de Fort Dauphin, Madagascar
 O. W. Williams, B. S., surveyor.....Fort Stockton, Tex.

1905.

Frederick A. Johnson, A. B., minister.....Fowler, Ind.
 Marie Rosenstengel Sanford, B. S....918 North St., Peoria
 Cora Listmann, grad. in music, teacher of music, Beardstown
 Helen R. Shrader Kent, grad. in music.....
3318 Garfield Ave., Kansas City, Mo.
 Edith Gunn Seebirt, grad. in music, teacher, South Bend, Ind.
 Maud Hewitt Brockman, grad. in musicBeardstown

1906.

*Tressler Barr, B. S.....Fountain Green
 William R. Frerichs, A. B., Prof. of Greek and German,
 McMinnville College.....McMinnville, Oregon
 Bessie Noble Guthrie, A. B., teacher.....Stillwell
 Clifton J. O'Harra, B. S., LL. B., lawyer.....Carthage
 Erma Rand O'Harra, A. B.....Carthage
 William Webb, B. S., LL. B., lawyer.....
University Club, Bridgeport, Conn.
 Earl W. Wood, B. S., lawyer.....Hamilton
 Edythe Burnette McCallister, grad. in music.....Bentley
 Etta Galloway Hooker, grad. in music.....St. Louis, Mo.
 Jessie Kirkpatrick Smith, grad. in oratory.....Carthage

1907.

James D. Baird, B. S., LL. B., city attorney.....Carthage
 Emma J. Bell, B. S., instructor in C. C. Academy, Carthage
 Eugenia M. Bell, B. S., teacher in high school.....
Dollar Bay, Mich.
 Ruth Ferris, M. S., teacher in high school.....Quincy
 Helen Griffith, B. S.....Carthage
 J. C. Helms, B. S., LL. B., lawyer.....
500-8 Majestic Bldg., Oklahoma City, Okla.
 Alma Kammerer, A. B., teacherEkalaka, Mont.
 Jessie Kirkpatrick Smith, A. B.....Carthage
 Alice M. Listmann Sundberg, B. S.....Ottumwa, Iowa

*Frank Nord, A. B.....Davenport, Iowa
 Edith O'Hara Walker, B. S.....Keokuk, Iowa
 Deena Thompson, B. S., Instructor in C. C. Academy....
Carthage
 Laura Schwab Thompson, grad. in music.....Lyman, Wyo.

1908.

George T. Crossland, B. S., J. D., lawyer.....
5643 Drexel Ave., Chicago
 Alfred Heitman, A. B., teacher in high school.....
2606 Jones St., Sioux City, Iowa
 Carl A. Sundberg, A. B., D. B., minister...Ottumwa, Iowa
 Henry S. Walker, B. S., LL. B., lawyer.....Keokuk, Iowa

1909.

Paul A. Beulow, A. B., B. D., minister.....Tekamah, Neb.
 Ola Huston, A. M., high school teacher....Shenandoah, Iowa
 Leonard Martin, B. S., LL. B., attorney, Knapp & Camp-
 belChicago
 Lee Siebenborn, B. S.....2154 Marshall Blvd., Chicago
 Carl Walter, B. S., Instructor of Chemistry, University
 of Washington.....Seattle, Wash.
 Hazel Hammond Walters, grad. in music....Seattle, Wash.
 Lessie Felgar, grad. in music, music teacher...West Point

1910.

Clifford Everhart, A. M., teacher in high school.....
Edmore, N. D.
 Forrest L. Harnest Callihan, B. S.....Galesburg
 Flossie Harris, A. B., teacher in high school, Blockton, Iowa
 Clarence Hightower, A. B., minister.....Lancaster
 Alma Horney, B. S., bookkeeper.....Carthage
 Lawrence Huey, B. S., employment manager.....
330 W. 6th St., Sioux Falls, S. Dak.
 Edna B. Huston, A. B., high school teacher, Shenandoah, Ia.

Roy Little, A. B., Instructor in Mt. Morris College.....Mt. Morris
 Lewis W. Rupp, M. A., Theol. student.....Maywood
 Mark Tandy, B. S.....Dallas City
 Christian P. Tranberg, A. B., minister, East Germantown, Ind.
 Grace Mack, grad. in oratory, stenographer....Rock Island

1911.

Blanche Cannon, A. B., teacher Union Academy.....Anna
 Blanche Chevillon, B. S., grad. student Carthage College
Carthage
 Lenore Chevillon, B. S., teacher in high school.....
Hartford City, Ind.
 Floy Davidson, A. B., teacher in high school.....
Vancouver, Wash.
 Grace Davidson, A. B., teacher in high school.....Carthage
 William Getzendaner, B. S., teacher.....Trinidad, Wash.
 Harry Hartman, B. S., teacher in high school..LeMars, Iowa
 Esther Hill, B. S.....Carthage
 Ada Hoover, M. S., Teacher and Matron, Southland Sem-
 inary.....Gainesville, Fla.
 Carrie Lipe, B. S., teacher in high school.....Butler, Ind.
 Cora Lipe, B. S., teacher in high school.....Nokomis
 Pearl Martin Aikens, B. S.....Pontoosuc
 Hazel McCreary, A. B., teacher in high school.....Mendon
 George Nethery, B. S., banker.....Quincy
 James Nethery, B. S., banker.....Quincy
 Lucile Rand, A. B., teacher in Kentucky Female Seminary
Midway, Ky.
 Minnie Rosenstengel, B. S.....Carthage
 Orlo Slater, B. S., minister.....Duluth, Minn.
 Luther Walter, B. S., bookkeeper.....
120 W. Garfield St., Seattle, Wash.
 William Hill, grad. in music, music student, Drake Uni-
 versity.....Des Moines, Ia.

1912.

James Turner Foley, B. S., farmer.....Plymouth
 William Griffith Hill, M. A., music student, Drake Uni-
 versity.....Des Moines, Ia.
 Gladys June O'Hara, B. S.....Carthage
 Earl Wilber Poland, A. B., Professor of English and His-
 tory, Bethel College.....Russellville, Ky.
 Stephen T. Taylor, B. S., farmer.....Ekalaka, Mont.
 Nellie Deane Greer, grad. in music, instructor C. C., School
 of Music.....Carthage

1913.

Esther Alfreda Carlson, A. B., Instructor in Carthage Col-
 lege Academy.....Carthage
 Elizabeth Sylvia Dorow, A. B., teacher in high school..
Yorkville
 Erna Adelaide Dorow, A. B., student Macomb State Nor-
 malMacomb
 Dorothy Latham Ferris, A. B., teacher.....Duluth, Minn.
 Caroline Grote, B. L., Dean of Women, Macomb State
 NormalMacomb
 Karr Parker, B. S., graduate student, University of Ill-
 inoisUrbana
 Dennis David Swaney, A. B., missionary.....
Monrovia, Liberia, Africa
 Luther Ambrose Swaney, B. S., Medical student, North-
 western University.....Evanston
 Ellen Louise Vornholt, B. L.....Lisbon, Iowa
 Hale Junius Walker, B. S., merchant.....Carthage
 Lynn Oscar Welge, B. S., merchantHillsboro
 Bernice Bidwell Talbot, graduate in music.....Plymouth
 Enid Marie Sympson, graduate in music.....Carthage
 Anna Yutzy, graduate in music, student in Chase School
 of MusicChicago

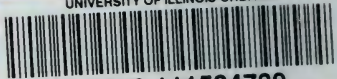
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